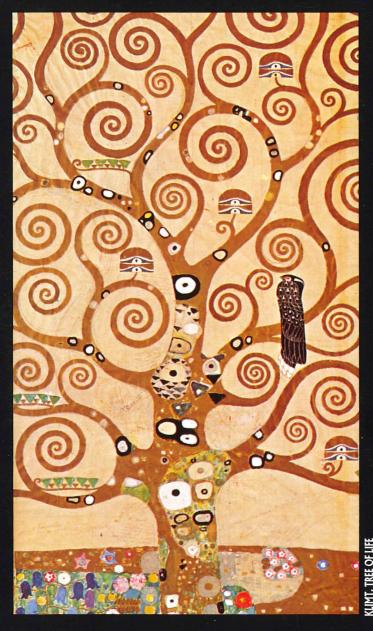
FINAL PROGRAMME





St CONGRESS OF THE EUROPEAN DIALYSIS AND TRANSPLANT ASSOCIATION EUROPEAN RENAL ASSOCIATION

SUCCINCT STATEMENT

SANDIMMUN NEORAL®

Immunosuppressive agent

Presentation

Ciclosporin
Oral solution: 100 mg/mL
Capsules: 25, 50, and 100 mg

Indications

Solid organ transplantation (kidney, liver, heart, combined heart-lung, lung, pancreas); bone marrow transplantation

Dosage

See full product information.

Conversion from Sandimmun to Sandimmun Neoral

In a small percentage of <u>transplantation patients</u>, a 1:1 conversion resulted in a marked increase in ciclosporin exposure. Therefore, trugpl blood concentrations should be monitored initially within 4 to 7 days after the switch; according to the results, dose adjustments can be instituted if necessary.

Contraindications

Hypersensitivity to ciclosporin.

Precautions

Sandimmun Neoral should only be used by physicians experienced in immunosuppressive therapy after having consulted the full product information. Closely monitor ciclosporin blood levels, kidney and liver function, blood pressure. Avoid excessive immunosuppression. Do not use potassium-containing medication or potassium-spaning diuretics; avoid high dietary potassium intake. Monitoring of serum potassium is recommended. Caution is required in treating patients with hyperuricaemia, with vaccination (avoid liverated and caution) is required in treating patients with hyperuricaemia, with vaccination (avoid liverated with Sandimmun Neoral should not hereast-feed.

Interactions

Aminoglycosides, amphotericin B, ciprofloxacin, melphalan, trimethoprim; NSAIDs; lovastatine, colchicine;ketoconazole, erythomycin, josamycin, doxycycline, oral contraceptives, propafenone, calcium-channel blockers; barbiturates, carbamazepine, phenytoin, metamitzole, rifampicin, nafcillin, sulphadimidine and trimethoprimIV; prednisolone, methylprednisolone. See full product information.

Side Effects

The following side effects observed with Sandimmun are also likely to occur with Sandimmun Neoral: impaired renal function, hepatic dysfunction, hypertension, hypertrichosis, gingival hypertrophy, termor, paraesthesia, convulsions, fatigue, anorexia, nausea, vomitting, abdominal pain, diarrhoea, hyperkalaemia, hyperuricaemia, hypomagnesaemia, weight increase, oedema, pancreatitis, headache, rash, dysmenorrhoea, amenorrhoea, muscle cramps, muscle weakness, myopathy, mild anaemia, thrombocytopenia associated with microangiopathic haemolytic anaemia and renal failure; increased susceptibility to infections, development of malignancies, and hymphoproliferative disorders.

Packs

Country-specific

FULL PRODUCT INFORMATION AVAILABLE FROM......

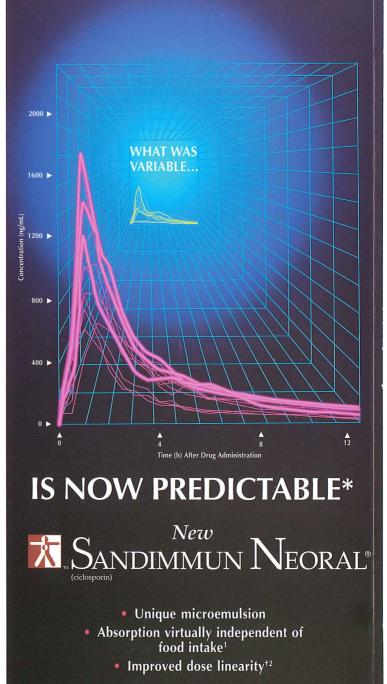


CH 4002 Basle Switzerland

REFERENCES

- 1. Mueller EA, Kovarik JM, van Bree JB, et al. *Pharm Res.* In press.
- 2. Mueller EA, Kovarik JM, van Bree JB, et al. In press.
- 3. Data on file, Sandoz Pharma Ltd.

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Sandimmun® (ciclosporin) [inset graph] and new Sandimmun Neoral®.

*Within therapeutic range, compared to Sandimmun®

XXXIst Congress

of the

European Dialysis and Transplant Association European Renal Association

July 3 — 6, 1994 Vienna, Austria Austria Center Vienna



Patronage

Dr. Thomas KLESTIL Federal President of the Republic of Austria

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EUROPEAN DIALYSIS AND TRANSPLANT ASSOCIATION EUROPEAN RENAL ASSOCIATION

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VIENNA CONGRESS 1994

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BECOME AN EDTA-ERA MEMBER NOW!

YOU WILL BE ENTITLED TO THE FOLLOWING BENEFITS:

Free subscription to the Journal "Nephrology, Dialysis, Transplantation" (12 monthly issues)

"MEMBER" REGISTRATION RATE AT THE ANNUAL CONGRESS
(with a significant low price for <u>early</u> registrants: the individual early registration fee for members will be **only 150 Swiss Francs**)

Free copy of the DIRECTORY of the Association

CONGRESS GRANTS: twenty-five (25) Congress Grants (i.e. **free Congress Registration** and free **hotel accomodation for 4 nights**) will be given to investigators (less than 36 years old before December 31, 1994), whose abstracts has been accepted as an oral presentation or poster.

RESEARCH/TRAINING GRANTS: Research/Training grants up to 50,000 Swiss Francs. The aim of this grants is to promote investigation, as well as clinical training, in the field of Nephrology and other biologically-related fields.

(The number of Grants delivered will be decided by the Research Grant Committee)

All members can receive a copy of the **1994 EDITION OF THE INTERNATIONAL YEAR-BOOK OF NEPHROLOGY, DIALYSIS, TRANSPLANTATION** (almost 200 pages and 17 important reviews) at the cost of production of **50 Swiss Francs**.

Application for Membership and forms for CONGRESS GRANTS and RESEARCH/
TRAINING GRANTS may be obtained from
Prof. Vincenzo Cambi by fax (Italy-521-291 777) or by writing to the following address:

Prof. Vincenzo Cambi

Secretary-Treasurer EDTA-ERA

Casella Postale 474 Parma Sud, 43100 Parma, Italy

IMPORTANT DATES

Deadline for Pre-Registration: June 25, 1994

After June 25, 1994 only on-site

registration will be possible.

Commencement of the Congress: July 3, 1994

Registration **July 3, 1994** 10.30 - 20.00 hrs.

Opening of the Exhibition July 3, 1994 12.00 hrs.

Opening Ceremony **July 3, 1994** 18.00 - 19.30 hrs.

Welcome Reception **July 3, 1994** 19.30 - 20.30 hrs.

EDTA-ERA General Assembly (Hall A): July 5, 1994 17.45 - 19.00 hrs.

Admission strictly for EDTA-ERA members only. Voting station will be open only on July 5, from 8.30 to 17.30 hrs. at the EDTA-ERA Secretariat

desk.

End of the Congress: July 6, 1994 15.30 hrs.

AMENDMENTS AND CHANGES

Pleace notice that some **amendments and changes** have been made between 3rd Announcement and this Final Programme.

International Symposion on Registries:

has been added to the programme. It will be chaired by F. Valderrabano and will take place on Wednesday, July 6, 1994 at 14.00 hrs., Hall C

Symposion on Technical Advances:

The contribution on "Anti-CD 45 Monoclonal Antibodies for prevention of acute graft rejection" by Dr. T. Shockley, Baxter Health Care Corp. was erroneously missing and has been added in this Final Programme.

Posters:

The Visited Posters have been printed twice in the 3rd Announcement and have erroneously received 2 poster-numbers. In this Final Programme this has been corrected by omitting the second number. Each poster now has a unique number.



Congress Venue

EDTA-ERA Congress

Austria Center Vienna

Am Hubertusdamm 6, A-1220 Vienna, Austria

Phone: (++43/1) 23 69-0, Fax: (++43/1) 23 69-22 86

The Austria Center in Vienna is located on the Danube and is best accessible by underground (U1).

Organizing Secretariat

EDTA-ERA Congress

Vienna Academy of Postgraduate Medical Education and Research

c/o Elisabeth RIBAR-MAURER Alser Straße 4, A-1090 Vienna, Austria

Phone: (++43/1) 42 13 83-12, Fax: (++43/1) 42 13 83 23

Please note:

As of July 3, 1994 all offices will be located at the congress venue.

Official Travel Agency

EDTA-ERA Congress - EDTNA-ERCA Conference

c/o Mr. POLLAK

Wagons-lits Travel

Kärntner Ring 2a, A-1015 Vienna, Austria

Phone: (++43/1)50 160-80, Fax: (++43/1) 50 58 98 986

Industrial Exhibition

An exhibition of dialysis equipment manufacturers and pharmaceutical companies takes place in conjunction with the Congress. Catering will be located in the exhibition halls.

EDTA-EDTNA Exhibition Management:

MAW - Medizinische Ausstellungs- und Werbegesellschaft

Freyung 6, A-1010 Vienna, Austria

Phone: (++43/1) 533 29 35, 533 21 99, Fax: (++43/1) 535 60 16

IMPORTANT ADDRESSES

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ACKNOWLEDGEMENTS

The organizer gratefully acknowledges support for following services:

BAXTER Renal Division: Signs and posts

BELLCO Spa: President's Dinner

BOEHRINGER MANNHEIM GmbH: Briefcases/Notepads/Pens

CILAG International: Announcements

FRESENIUS AG: Badges

GAMBRO AB: Book of Abstracts

SANDOZ AG: Programme

COVER PICTURE

Tree of Life. c. 1905 – 09. Middle section, working drawing for the "Stoclet frieze". Tempera, watercolour, gold colour, silver-bronze, chalk, pencil, opaque white, gold- and silver-leaf on paper, 195×102 cm. Vienna, Österreichisches Museum für Angewandte Kunst.

"The Tree of Life" is in fact the Tree of Knowledge mentioned in the Apocalypse (Revelation of St. John the Divine): a symbol of the Golden Age, nonetheless put to doubt by a black bird, in turn a symbol of Death. It denotes the normal cycle of life according to both Klimt and Freud. Indeed, to Klimt, "The Tree of Life", capable of healing pagans, is a symbol comprehending the whole range of themes he cherishes, from flowers to Woman, from vegetation's decay to the recurrence of seasons. Trees, women . . . intermingle in a world where people love each other, dance with each other; a world where the women themselves have turned into trees invading every corner of nature. Surely what we have here is the Garden of Paradise.

"The Tree of Life" is one of nine panels constituting the "Stoclet frieze": the work represents a high point in the arts and crafts of Secessionist production. Klimt's work unmistakable bears the imprint of the technique of mosaic, a manner of decoration the artist not only learned as a youth, but one he enthusiastically rediscovered during a visit to Ravenna in 1903. The Stoclets, who commissioned the frieze, were major collectors and proud owners of numerous works of Indian and Buddhist art. Providing a context in harmony with his patrons' passion for the Far East, Klimt's Byzantine whorls are exotically luxuriant, speaking out in biologically ornamental terms of their own.

WELCOME MESSAGE

The Austrian nephrologists consider it a great honour that Vienna has been selected again to hold the EDTA-ERA Congress and welcome you heartly to Vienna and the Austria Center.

As you will see from the enclosed scientific programme every effort has been made to provide you with a broad overview of current European nephrological science. The best scientists will contribute to 16 symposia, 3 guest lectures, 10 state of the art lectures, and 6 interactive educational courses. Oral and poster communications will round the scientific programme, to be one of the completest in EDTA-ERA history.

To open the congress to all European nephrologists especially from the Eastern European countries we reduced the registration fee for the congress. So the registration fee for early registration for members has been reduced to half of the fee of previous congresses.

This implicated on the other side, that the official social events had to be slimmed. So there will be only an official opening ceremony and welcome reception. Of course the travel agency will provide you with any other tickets you need.

We will to ensure that participants who come for the first time to Vienna will gain a comprehensive impression of our city. Tours will be offered that take you to all the important historical and modern buildings, you will have the opportunity to visit Vienna's world famous museums, its royal palaces and gardens and tike a drive through the splendid Vienna Woods.

Those of you who already attended our previous congress can be assured that there are many facets to Vienna and that the city is certainly worth more than one visit. Use the opportunity to discover "the other Vienna". Follow the steps of the "Third Man" by walking the underground paths of the town sewerage system, by visiting the famous Central Cemetary, or simply by enjoying a delicious piece of cake at the Hotel Sacher, all three of which are scenes from the well-known film. Stroll through the central part of the town, look at the facades of the old houses and inspect the courtyards. Enjoy a visit of the Klimt Collection at the museum "Oberes Belvedere" and go to see the "Hundertwasser Houses" designed by the famous painter. If you want to buy something special search for it at one of the numerous flee markets or attend an auction at the Dorotheum, our 275 years old auction house. A boat trip on the Danube Canal will show you yet another view of the town.

It will be a pleasure for us to see you in Vienna in 1994. Come and participate in a meeting of major scientific importance and discover and enjoy Vienna, a city where guests always have and always will be welcome.

Krister STUMMVOLL Congress President EDTA-ERA

GENERAL INFORMATION

Registration Fees	early registration	late registration	on-site registration
in Austrian Schillings (ATS)	payment received before January 31, 1994	payment received between February 1 and June 25, 1994	after June 25, 1994 only on-site registration will be possible
Members of EDTA-ERA	1,200	3,000	3,500
Non-members of EDTA	3,500	4,000	4,500.—
Accompanying persons	1,000	1,000	1,000

(Exchange rate June 1994: 1 Swiss France (CHF) ~ ATS 8.14)

Reduced fees for members is only valid for those members having regularly paid their membership fees!

Payment for Registration:

Deadline for pre-registration was June 25, 1994. Thereafter only onsite registration will be possible. Please note that payment "on site" may be effected in Austrian Schilling only.

Confirmations for payments effected prior to the Congress may be picked up at the EDTA-Desk as of Monday, July 4, 1994 afternoon.

Payment of registration fee entitles **delegates** to attend all scientific meetings, to receive the congress portfolio including all congress documents and the abstract book and to take part in the Opening Ceremony followed by a Welcome Reception.

Payment of registration fee entitles accompanying persons to attend the Opening Ceremony followed by a Welcome Reception and to join one city tour "Historical Vienna".

No bus transfers from the hotels will be arranged.



GENERAL INFORMATION

Payments for Travel Accommodation and Touristic Programme:

please see page no. XVI.

Early Registration:

Early registration for members must be done individually on the original form. The reduced fee is given only to named applicants. No anonymous block booking will be accepted. The names of the registrants for early member registration may not be changed. There will be no refund in case of cancellation.

Cancellations:

Notification of cancellation must be sent in writing by registered letter, telex or telefax to the Organizing Secretariat.

The policy regarding the refund of registration fees will be as follows: Cancellations of early registration of members: NO REFUND.

Other cancellations received

before May 1, 1994 75% REFUND

between May 1 and June 15, 1994 50% REFUND

after June 15, 1994 NO REFUND

The mailing date will be used as basis for considering refunds and all refunds will be made after the congress. Delegates are requested to state whether they wish to receive their refund by cheque or bank credit transfer.

Changes of Registration and Names:

A handling fee of ATS 100.— will be charged for changes in registration. Changes in names are considered as cancellations and will be treated as new registrations. No handling fee will be charged if the registration is cancelled completely.

Registration Desk Opening Hours:

July 3, 1994 10.30 – 20.00 hours

July 4 - 5, 1994 8.00 - 18.00 hours

July 6, 1994 8.00 – 16.00 hours

Badges:

Name badges must be worn when attending any of the official congress activities. There will be no admittance to the sessions without a badge. The EDTA badges are colour-coded as follows: Delegates: red; Exhibitions: yellow; Accompanying persons: white.



Transport in Vienna:

The Austria Center is easily reached by underground (U1-Station: Kaisermühlen, Vienna International Center).

Therefore no bus-transfer will be arranged.

72-hours tickets valid for unlimited travel on all public means of transport within Vienna will be sold at the desk "new registration" at the official price of ATS 130.—.

Post:

An official post-office will be located at the congress venue. Opening hours of the post office are the same as for the registration desk. Please note that phone calls and faxes may be made at the post office at official fares.

Bank:

An official desk of the Creditanstalt-Bankverein will be located at the congress venue.

On Sunday, July 3 and from Monday to Wednesday, after 15.00 hrs. the Erste österreichische Spar-Casse will be at your disposal at the "new registration" desk.

Weather:

In July the weather in Vienna is hot. Average temperatures are 15 degrees Celsius in the morning and 25 degrees Celsius during the day.

Lost Property

at the Austria Center information desk in the entrance hall.

SOCIAL EVENTS

Sunday, July 3, 1994

18.00 hrs

Opening Ceremony

at the congress venue: Austria Center, Hall A

19.30 - 20.30 hrs Welcome Cocktail

at the congress venue

Other Cultural Events

A calendar of cultural events will be provided and tickets will be available at the Wagons-lits Travel Desk in the main entrance hall next to the EDTNA "new registration" desk.



Hotels in alphabetical Order:

- 1. ALBA PALACE
- 2. AMBASSADOR
- 3. AM STEPHANSPLATZ
- 4. ANANAS
- 5. ASTORIA
- 6. ASTRA AM RENNWEG
- 7. ASTRON
- 8. AUSTROTEL
- 9. BELLEVUE
- 10. BIEDERMEIER
- 11. BOSEI
- 12. BRISTOL
- 13. CITY CLUB
- 14. DE FRANCE
- 15. EUROPA
- 16. IBIS WIEN
- 17. IM PALAIS SCHWARZENBERG
- 18. INTER-CONTINENTAL WIEN
- 19. KAISERIN ELISABETH
- 20. MERCURE WIEN CITY
- **21.** MERCURE WIEN ZENTRUM
- 22. PANNONIA INTERNATIONAL
- 23. RATHAUSPARK
- 24. RENAISSANCE
- 25. ROYAL
- 26. SACHER
- 27. SAS PALAIS
- 28. SCANDIC CROWN
- 29, SOFITEL BELVEDERE
- **30.** TREND DONAUZENTRUM
- 31. VIENNA HILTON
- **32.** VIENNA MARRIOTT
- 33. VIENNA PENTA RENAISSANCE
- 34. VIENNA PLAZA

Allg.

Alse

Josefstäd Strai

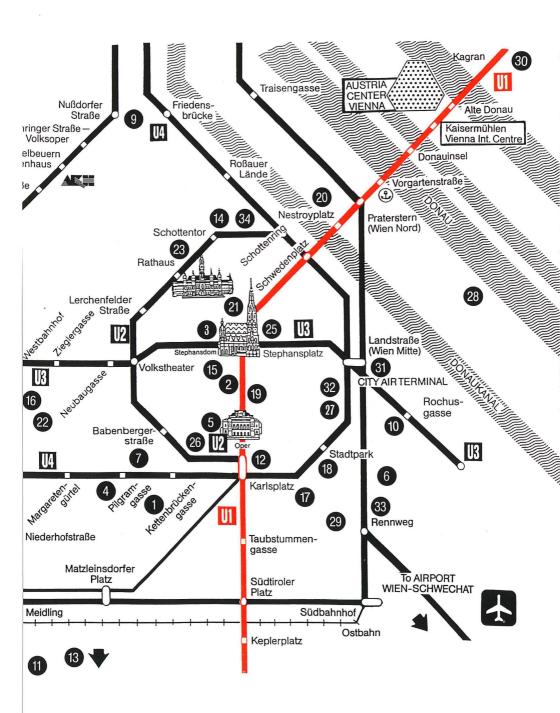
Thaliastra

Burggass Stadthalle

Gumpendo Straß

Hethis Scholdun Hethere Reserved





HOTEL ACCOMMODATION

Wagons-lits Travel, Kärntner Ring 2a, A-1015 Vienna, Austria Phone: (++43/1) 50 160-80, Fax: (++43/1) 505 89 89 86, Telex: 131505 has reserved a sufficient number of rooms in different hotel categories for the participants of this congress. Kindly refer to the table below in your selection of a hotel category. Please use the attached registration form B.

Category	single room	double room
****	ATS 2,400 to 4,400	ATS 2,800 to 5,900
***	ATS 1,500 to 2,400	ATS 1,800 to 2,800
***	ATS 800 to 1,500	ATS 1,000 to 1,800

The daily room rates are quoted in Austrian Schillings and include breakfast, service charges and local taxes.

We kindly ask you to provide us with a deposit of ATS 2,000.— for a single and ATS 3,000.— for a double room to secure your hotel reservation.

Terms of Payment:

- Remittance to the bank account No. 0966-39786/01 at the Creditanstalt-Bankverein, Vienna, bank code 11000, marked "free of charge" for Wagons-lits Travel.
- 2. Eurocheque mailed to Wagons-lits Travel together with your registration form.

The hotel voucher will be sent to you after receipt of the deposit, approx. 3 weeks prior to the congress. The balance between the value of the voucher and your total invoice at the hotel must be settled directly with the hotel. Any bank charges will be deducted from your hotel deposit.

Terms of Cancellation:

In case of cancellation or alteration a minimum fee of ATS 500.— per person will be charged.

For cancellation less than 6 weeks prior to the congress the hotel deposit will be forfeited. Only written cancellation or alterations can be accepted.

Please note:

In order to book a room for EDTA '94, you must return the attached form B and remit the requested deposit.

You will receive a written confirmation of your reservation. Should the desired hotel category no longer be available, we will do our utmost to offer similar accommodation. This may, however, mean a change of price category. For hotel reservations made after May 15, 1994 an additional administration fee of ATS 500.— has to be charged.

OPTIONAL TOURS

Monday, July 4, 1994

Historical Vienna

Departure from the Austria Center Vienna at 9.00 hrs.

Visit Schönbrunn Palace, the glorious summer residence of the Habsburgs. Followed by a drive along the Ringstraße, elegant boulevard with its magnificent buildings, the Opera house, State Museums, City Hall etc. A short walk through the old town will take you to St. Stephan's Cathedral.

Return to the Austria Center Vienna at approx. 12.30 hrs.

Price per person including bus, guide and admission fees: ATS 350.—1 tour free for accompanying persons

In the Footsteps of "The Third Man"

Departure from the Austria Center Vienna at 14.00 hrs.

You will follow the steps of the "Third Man" by walking the underground paths of the towns sewage system, by visiting the famous Central Cemetary and by enjoying a ride on the Giant Wheel. All three of which are scenes from the well-known film.

The tour ends at the State Opera at approx. 17.30 hrs.

Price per person including bus, guide, coffee and cake and admission fees: ATS 380.-

Danube Valley

Departure from the Austria Center Vienna at 8.30 hrs.

A full day excursion which will take you to the beauty of the Wachau. Through the romantic scenery full of history and legends the Danube winds its way along charming old villages with their steep vineyards and old castles. During a boat trip the history comes alive. The highlight of this tour will be the visit of the magnificent Benedictine Abbey of Melk.

The tour ends at the State Opera at approx. 17.30 hrs.

Price per person including bus, guide, boat trip, lunch and admission fees: ATS 950.-



OPTIONAL TOURS

Tuesday, July 5, 1994

Vienna Woods

Departure from the Austria Center Vienna at 9.00 hrs.

This tour will show you the most beautiful sights of the southern parts of the Vienna Woods. After passing the Roman City of Baden and the romantic Helenental you will visit the former Mayerling hunting lodge and the Cistercian Abbey of Heiligenkreuz which houses a medieval cloister with the remains of the last Babenberger.

The tour ends at the Austria Center at approx. 12.30 hrs.

Price per person including bus, guide and admission fees: ATS 440.-

Art Treasury of Vienna

Departure from the Austria Center Vienna at 14.00 hrs.

Visit the Albertina, the largest collection of graphics, etchings and drawings in existence. After a walk in the gardens of the Belvedere Palace, the former residence of Prince Eugene of Savoy, you will see the Klimt collection at the Museum Österreichische Galerie.

The tour ends at the State Opera at approx. 17.30 hrs.

Price per person including bus, guide and admission fees: ATS 380.-

Viennese Heurigen Evening

Departure from the City Air Terminal (Hotel Hilton) at 19.30 hrs.

Our coach will take you to a wine tavern situated in one of the best-known winegrowing suburbs of Vienna. An enjoyable evening with dinner, music and wine.

The tour ends at the State Opera at approx. 23.00 hrs.

Price per person including bus, dinner, 2 drinks, service and music: ATS 500.—



Wednesday, July 6, 1994

Scientology and Music

Departure from the Austria Center Vienna at 9.00 hrs.

Visit the last home of Sigmund Freud in Vienna. See the famous couch and some of his personal belongings. A short drive will take you to the Figaro House. You will see the rooms where Mozart lived and where he composed one of his most famous and immortal operas.

Return to the Austria Center Vienna at approx. 12.30 hrs.

Price per person including bus, guide and admission fees: ATS 400.-

Biedermeier - Vienna 1800

Departure from the Austria Center Vienna at 9.00 hrs.

This tour will take you along to places of this period when the "Viennese Salons" in many cases developed into cultural centres of no mean significance. Your trip will lead you to the memories of an age where Johann Strauß for the first time introduced his famous waltz music. You will visit Schuberts birthplace, the Moelker Bastion, as well as typical patrician houses.

Return to the Austria Center Vienna at approx. 12.30 hrs.

Price per person including bus, guide and admission fees: ATS 400.-

Glory of the Habsburgs

Departure from the Austria Center Vienna at 14.00 hrs.

This tour will give you an impression of the treasury acquired by the Habsburgs over the centuries. Visit first the Silver-Chamber, fabulous collection of porcelain, glasses and silver ware. The second part of the tour takes you to the Treasury Chamber. You will admire the crown jewels, the insignia and regalia of the Roman Empire and the treasury of the Burgundy.

Return to the State Opera at approx. 17.30 hrs.

Price per person including bus, guide and admission fees: ATS 350.-



POST CONGRESS TOURS

Prague – 3 days (July 7 – 9, 1994)

Departure: City Air Terminal (Hotel Hilton) at 8.30 hrs.

This trip will proceed via Haugsdorf where you will cross the border. The most important and beautiful places of interest will be visited: The Hradschin, the St. Veit's Cathedral, the Wenceslav Square and the City Hall with its astronomic clock. The tour will pass by the Jewish Quarter with the Jewish Cemetary and the old quarter of Prague. Enough time for shopping is foreseen. You also will have an impression of the surroundings of Prague after this tour. It will be on full board basis and lunches and dinners will be served in typical restaurants.

Return to Vienna: July 9, 1994 in the late afternoon.

Price per person includes bus, guide, entrance fees, full board, 2 nights accommodation at first class hotel with continental breakfakt: ATS 5,900.— Single supplement: ATS 800.—

Salzburg -3 days (July 7-9, 1994)

Departure: City Air Terminal (Hotel Hilton) at 8.30 hrs.

This trip will proceed via the Salzkammergut (Bad Ischl) to Salzburg. You will pass by Lake Fuschl and Lake St. Wolfgang. The "Kaiservilla", the summer residence of Emperor Franz Joseph, will be visited.

The sightseeing tours will include the Cathedral, the Fortress of Hohensalzburg and of course Mozart's birthplace in the Getreidegasse.

The songs from the movie "Sound of Music" will come to your memory. Lunches and dinners at good restaurants will be at your pleasure.

Return to Vienna: July 9, 1994 in the late afternoon.

Price per person includes bus, guide, entrance fee, full board, 2 nights accommodation at a first class hotel with continental breakfast: ATS 4,900.—Single supplement: ATS 800,—

LIST OF EXHIBITORS

ABBOTT Laboratories Illinois, USA

ACCURATE SURGICAL Toronto, Canada

AFRI MEDICAL Cairo, Egypt

AGUETTANT Laboratoires Lyon, France

AKZO FASER, Membrana Wuppertal, Germany

ALTHIN MEDICAL Lund, Sweden

ASAHI MEDICAL Frankfurt, Germany

BAXTER Renal Division Brussels, Belgium

BELLCO Mirandola, Italy

BIEFFE MEDITAL Grosotto Sondrio, Italy

BIONIC Friedrichsdorf, Germany

BOEHRINGER MANNHEIM Mannheim, Germany

B. BRAUN Austria Maria Enzersdorf, Austria

CILAG Vienna, Austria

CLINICAL COMPUTING London, Great Britain

COBE Laboratories Heimstetten, Germany

COMEF / EMO Carpi, Italy

CULLIGAN Europe Zaventem, Belgium DIALYSIS

AND TRANSPLANTATION

Van Nuys, USA

DUSTRI-Verlag Deisenhofen, Germany

DWA

Ubstadt-Weiher, Germany

ERGO

Maroussi, Greece

EXCORIM Lund, Sweden

FRESENIUS Oberursel, Germany

GAINOR Medical Europe Milton Keynes, Great Britain

GAMBRO Lund, Sweden

GESELLSCHAFT FÜR NIEREN-TRANSPLANTATION UND DIALYSEPATIENTEN Vienna, Austria

W. L. GORE & Associates Putzbrunn, Germany

GRUPO GEYSECO Madrid, Spain

HAIDYLENA MEDICAL Cairo, Egypt

НЕМОТЕСН

Ramonville St. Agne Cedex, France

HOSPAL

Basel, Switzerland

IBP

Hannover, Germany

IDEMSA

Valverde Del Majano, Spain

INFUS MEDICAL International Ebersberg, Germany

LIST OF EXHIBITORS

JAPAN MEDICAL Supply Hiroshima, Japan

JOKA Kathetertechnik Hechingen, Germany

KAWASUMI Laboratories Tokyo, Japan

KIMAL Scientific Products Middlesex, Great Britain

KLUWER academic publishers Dordrecht, The Netherlands

LIKAMED Eppingen-Mühlbach, Germany

MEDICAL COMPONENTS Harleysville, USA

MINNTECH/RENAL SYSTEMS Ober-Mörlen, Germany

ML LABORATORIES PLC Liverpool, Great Britain

NATIONAL KIDNEY Foundation Singapore

NEOSTAR Medical Technologies North Brunswick, USA

NEPHRO-MEDICA Linden, Germany

NEPHRO SYSTEM Lyon, France

NIKKISO Tokyo, Japan

NISSHO Zaventem, Belgium

NATIONAL MEDICAL CARE Dublin, Ireland

OXFORD UNIVERSITY PRESS Oxford, Great Britain

PHARMAPLAN Bad Homburg, Germany

QUINTON International Gentofte, Denmark

REGINA – Int. Dialysis Network Hauteville, France

RENAL MEDICAL SERVICES Tel-Aviv, Israel

RIGGERS Medizintechnik Bremerhaven, Germany

SAXONIA MEDICAL Radeberg, Germany

SCHIWA Glandorf, Germany

SOCIETE FRANCAISE D'ETUDES ET COMMERCIALISATION St. Pierre De Chandieu, France

SOLUDIA Laboratoire Fourquevaux, France

TERUMO Rurope Leuven, Belgium

TORAY MEDICAL Tokyo, Japan

VAS-CATH Ontario, Canada

X. C. G. I. Saint Nolff, France

XITRON Technologies San Diego, USA

OVERVIEW ON SCIENTIFIC PROGRAMME

The programme will include guest lectures and symposia, covering a wide range of topics relevant to the kidney.

For the first time special educational courses will be given by prominent nephrologists.

Within some free communication sessions there will be short lectures in the same area of interest.

The programme includes guest lectures, symposia, state of the art lectures on:

a) Basic Science:

Apoptosis and cell necrosis Human genom project Genetics in nephrology Adhesion molecules Nitric oxide synthetase

Advances glycosilation end products

b) Clinical Nephrology: Hypertension and the kidney

Prevention of progression of renal disease

Parathyroid cell function Diabetes and hypertension

Microalbuminuna

Newer glomerular diseases

c) Dialysis:

Nutrition and survival

On-line monitoring during dialysis Volume regulation in CAPD Advances in dialysis technique

d) Transplantation:

New immonusuppressive strategies

How to increase organ donation?

Renal data registries

e) Registry Report

f) Educational Courses (with interactive computer system)

Uremic bone diseases Acute renal failure

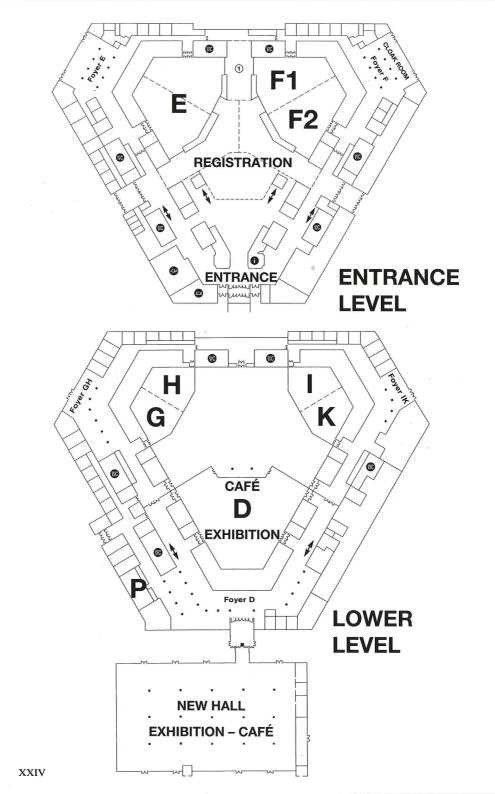
Early graft dysfunction after renal transplantation

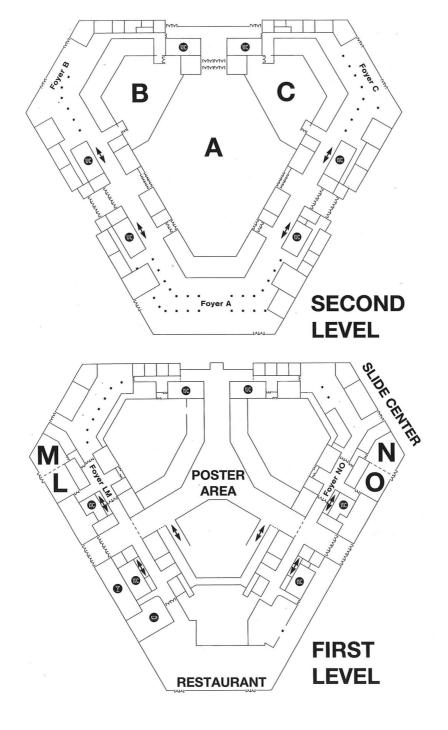
Clinico-pathological conference

Lupus nephropathy

Electrolyte and acid base disturbancies

Language: English is the official language of the EDTA-ERA Congress. There will be no simultaneous interpretation.





AUSTRIA CENTER VIENNA

ADVICE FOR SPEAKERS

Free Communications

Time: The allotted time for free communications will be 10 minutes, followed by 5 minutes discussion. Speakers are requested to adhere strictly to the allotted time.

Slides: Slides must be $50 \, \text{mm} \times 50 \, \text{mm}$ and must be mounted in glass mounts. Paper frames are not acceptable. Slides should be handed over to the technician in the slide preview room. He will carry then the slides to the lecture hall. Please collect your slides after the session at the "slide preview room". SLIDES MUST BE IN ENGLISH.

Slide room: Speakers will have the opportunity to preview their slides in a special room at the first floor. Follow signs "Slide Preview Room".

Posters: Postersize will be: 0,95 m in width and 1,0 m in height. The posters should remain on display throughout the congress. Mounting: Monday, July 4, 1994 8.00 – 9.00 hrs. Removal: Wednesday, July 6, 1994 16.00 – 18.00 hrs.

Chaired poster sessions will be held on the spot.

Publication

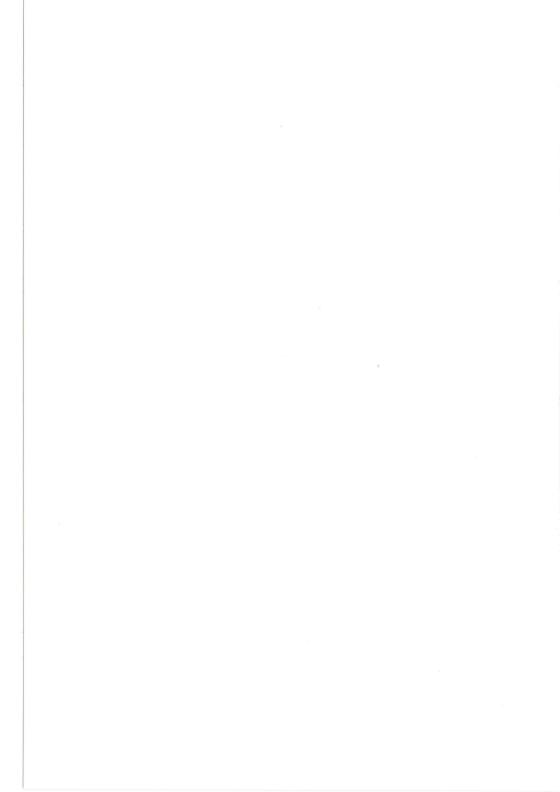
All submitted abstracts which conform to the instructions will be published in the Abstract book. Abstracts accepted for presentation at the congress will also appear in the Journal of the Association as part of the Proceedings of the Congress In addition, authors are invited and encouraged to submit their final manuscript to be peer reviewed for publication in Nephrology Dialysis Transplantation. Manuscripts to be submitted to:

E. RITZ, Editor NDT Medizinische Universitätsklinik, Sektion Nephrologie Bergheimer Straße 56a, D-69115 Heidelberg, Germany

EDTA - ERA

SCIENTIFIC

PROGRAMME



SCIENTIFIC PROGRAMME OVERVIEW

MONDAY, **JULY 4**, 1994

	HALL A	HALL B	HALL C	HALL F1	LM	NO	HALL F2	POSTER
9.00	REGISTRY REPORT	VIDEO TRANS- MISSION of the REGISTRY REPORT	VIDEO TRANS- MISSION of the REGISTRY REPORT					
10.00	GUEST LECTURE HUMAN GENOME							
10.30		REFRESHI	MENT REF	EAK -	VISIT IND	ISTRIAL F	XHIBITIO	N
11.00	SYMPOSION	SYMPOSION	SYMPOSION	SYMPOSION				
	GENETICS IN NEPHRO- LOGY	NEW IMMUN SUPPRES- SIVE STRATEGIES	ON LINE MONITORING IN HD	APOPTOSIS AND CELL NECROSIS				
		STRATEGIES						
12.30			•					
12.30		LUNCH B	REAK	-	VISIT IN	IDUSTRIA	L EXHIBIT	ION
14.00	FREE COMMUNI- CATION	LUNCH B FREE COMMUNI- CATION	FREE COMMUNI- CATION	FREE COMMUNI- CATION	VISIT IN	FREE COMMUNI- CATION	L EXHIBIT EDUCA- TIONAL COURSE	POSTER VISIT 1 AND 2
	COMMUNI-	FREE COMMUNI-	FREE COMMUNI-	COMMUNI-	FREE COMMUNI-	FREE COMMUNI-	EDUCA- TIONAL	POSTER VISIT
	COMMUNI- CATION	FREE COMMUNI- CATION STATE OF THE ART LECTURE 1 CUNNINGHAM	FREE COMMUNI- CATION	COMMUNI- CATION STATE OF THE ART LECTURE 2 KOKOT	FREE COMMUNI- CATION	FREE COMMUNI- CATION	EDUCA- TIONAL COURSE O. MAGGIORE CLIN. PATHOL. CONFERENCE	POSTER VISIT 1 AND 2
14.00	COMMUNI- CATION	FREE COMMUNI- CATION STATE OF THE ART LECTURE 1	FREE COMMUNI- CATION	COMMUNI- CATION STATE OF THE ART LECTURE 2 KOKOT	FREE COMMUNI- CATION	FREE COMMUNI- CATION	EDUCA- TIONAL COURSE Q. MAGGIORE CLIN. PATHOL.	POSTER VISIT 1 AND 2
14.00	COMMUNI- CATION FREE COMMUNI-	FREE COMMUNI- CATION STATE OF THE ART LECTURE 1 CUNNINGHAM REFRESH FREE COMMUNI-	FREE COMMUNICATION WENT BREE COMMUNICATION	COMMUNI- CATION STATE OF THE ART LECTURE 2 KOKOT FREE COMMUNI-	FREE COMMUNI- CATION VISIT IND FREE COMMUNI-	FREE COMMUNI- CATION USTRIAL FREE COMMUNI-	EDUCA- TIONAL COURSE a. MAGGIORE CLIN. PATHOL. CONFERENCE EXHIBITIC EDUCA- TIONAL	POSTER VISIT 1 AND 2

SCIENTIFIC PROGRAMME OVERVIEW

TUESDAY, JULY 5, 1994

	HALL A	HALL B	HALL C	HALL F1	LM	NO	HALL F2	POSTER
8.30	GUEST LECTURE ADV.GLYC ENDPROD.							
9.00	SYMPOSION	SYMPOSION	SYMPOSION					
10.30	MICRO- ALBUMIN- URIA	PARA- THYROID FUNCTION	ADHESION MOLE- CULES					
		REFRESHM	ENT BREAK	· VISIT	INDUSTRIA	LEXHIBITION	ON	
11.00	FREE COMMUNI- CATION	FREE COMMUNI- CATION	FREE COMMUNI- CATION	FREE COMMUNI- CATION	FREE COMMUNI- CATION	FREE COMMUNI CATION	EDUCA- TIONAL COURSE	POSTER VISIT 5 AND 6
12.30	. '.	STATE OF THE ART LECTURE 5 MALLUCHE		STATE OF THE ART LECTURE 6 MORALES		*	A. DAVISON ACUTE RENAL FAILURE	
		10						
		LUNCH E		IALYSIS C		IDUSTRIA YMPOSIUI	L EXHIBIT	ION
14.00				IALYSIS C				ION
14.00	SYMPOSION			IALYSIS C				ION
14.00	SYMPOSION DIABETES	F	IALL F2: D	IALYSIS C				ION
14.00	DIABETES AND	SYMPOSION NUTRITION AND	SYMPOSION NEW APPROACHES TO	· IALYSIS C				ION
	DIABETES	SYMPOSION NUTRITION	SYMPOSION NEW APPROACHES	- IALYSIS C				ION
14.00 15.30	DIABETES AND HYPERTEN- SION	SYMPOSION NUTRITION AND SURVIVAL	SYMPOSION NEW APPROACHES TO GLOMERULAR DISEASES		PINION S	YMPOSIUN	А	ION
15.30	DIABETES AND HYPERTEN- SION	SYMPOSION NUTRITION AND SURVIVAL	SYMPOSION NEW APPROACHES TO GLOMERULAR DISEASES	- VISIT	PINION S	YMPOSIUM	M N	-
	DIABETES AND HYPERTEN- SION	SYMPOSION NUTRITION AND SURVIVAL	SYMPOSION NEW APPROACHES TO GLOMERULAR DISEASES		PINION S	YMPOSIUN	N EDUCA- TIONAL	POSTER
15.30	DIABETES AND HYPERTEN- SION	SYMPOSION NUTRITION AND SURVIVAL FRESHMEI FREE	SYMPOSION NEW APPROACHES TO GLOMERULAR DISEASES NT BREAK FREE	- VISIT	PINION S NOUSTRIA	YMPOSIUM EXHIBITIO FREE	VI N EDUCA-	POSTER
15.30	DIABETES AND HYPERTEN- SION RE FREE COMMUNI- CATION STATE OF	SYMPOSION NUTRITION AND SURVIVAL FRESHMEI FREE COMMUNI- CATION STATE OF	SYMPOSION NEW APPROACHES TO GLOMERULAR DISEASES VIT BREAK FREE COMMUNI-	- VISIT FREE COMMUNI-	PINION S NDUSTRIAI FREE COMMUNI-	YMPOSIUM EXHIBITIO FREE COMMUNI-	N EDUCA- TIONAL COURSE F. BERTHOUX	POSTER VISIT
15.30	DIABETES AND HYPERTEN- SION RE FREE COMMUNI- CATION STATE OF THE ART LECTURE 7	SYMPOSION NUTRITION AND SURVIVAL FRESHME! FREE COMMUNI- CATION STATE OF THEART LECTURE 8	SYMPOSION NEW APPROACHES TO GLOMERULAR DISEASES VIT BREAK FREE COMMUNI-	- VISIT FREE COMMUNI-	PINION S NDUSTRIAI FREE COMMUNI-	YMPOSIUM EXHIBITIO FREE COMMUNI-	N EDUCA- TIONAL COURSE	POSTER VISIT
15.30	DIABETES AND HYPERTEN- SION RI FREE COMMUNI- CATION STATE OF THE ART	SYMPOSION NUTRITION AND SURVIVAL FRESHMEI FREE COMMUNICATION STATE OF THEART	SYMPOSION NEW APPROACHES TO GLOMERULAR DISEASES VIT BREAK FREE COMMUNI-	- VISIT FREE COMMUNI-	PINION S NDUSTRIAI FREE COMMUNI-	YMPOSIUM EXHIBITIO FREE COMMUNI-	N EDUCA- TIONAL COURSE F. BERTHOUX EARLY GRAFT DYS-	POSTER VISIT
15.30	DIABETES AND HYPERTEN- SION RE FREE COMMUNI- CATION STATE OF THE ART LECTURE 7	SYMPOSION NUTRITION AND SURVIVAL FRESHME! FREE COMMUNI- CATION STATE OF THEART LECTURE 8	SYMPOSION NEW APPROACHES TO GLOMERULAR DISEASES VIT BREAK FREE COMMUNI-	- VISIT FREE COMMUNI-	PINION S NDUSTRIAI FREE COMMUNI-	YMPOSIUM EXHIBITIO FREE COMMUNI-	N EDUCA- TIONAL COURSE F. BERTHOUX EARLY GRAFT	POSTER VISIT
15.30 16.00	DIABETES AND HYPERTEN- SION RE FREE COMMUNI- CATION STATE OF THE ART LECTURE 7	SYMPOSION NUTRITION AND SURVIVAL FRESHME! FREE COMMUNI- CATION STATE OF THEART LECTURE 8	SYMPOSION NEW APPROACHES TO GLOMERULAR DISEASES VIT BREAK FREE COMMUNI-	- VISIT FREE COMMUNI-	PINION S NDUSTRIAI FREE COMMUNI-	YMPOSIUM EXHIBITIO FREE COMMUNI-	N EDUCA- TIONAL COURSE F. BERTHOUX EARLY GRAFT DYS-	POSTER VISIT
15.30 16.00	DIABETES AND HYPERTEN- SION RE FREE COMMUNI- CATION STATE OF THE ART LECTURE 7	SYMPOSION NUTRITION AND SURVIVAL FRESHME! FREE COMMUNI- CATION STATE OF THEART LECTURE 8	SYMPOSION NEW APPROACHES TO GLOMERULAR DISEASES VIT BREAK FREE COMMUNI-	- VISIT FREE COMMUNI-	PINION S NDUSTRIAI FREE COMMUNI-	YMPOSIUM EXHIBITIO FREE COMMUNI-	N EDUCA- TIONAL COURSE F. BERTHOUX EARLY GRAFT DYS-	POSTER VISIT

SCIENTIFIC PROGRAMME OVERVIEW

WEDNESDAY, JULY 6, 1994

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	HALL A	HALL B	HALL C	HALL F1	LM	NO	HALL F2	POSTER
8.30	GUEST LECTURE NO SYN- THASE							
9.00	SYMPOSION	SYMPOSION	SYMPOSION				EDUCA- TIONAL	
	KIDNEY	ноw то	ULTRA-				COURSE	
	AND HYPERTEN- SION	IMPROVE ORGAN DONATION	FILTRATION VOLUME IN CAPD				VERBERCK- MOES ELECTRO-	
10.30						1079	LYTES	
						77		
		REFRESHM	ENT BREAK	- VISIT	INDUSTRIA	L EXHIBITI	NC	
11.00	FREE	FREE	FREE	FREE	FREE	FREE	EDUCA-	POSTER
	COMMUNI- CATION	COMMUNI- CATION	COMMUNI- CATION	COMMUNI- CATION	CATION	COMMUNI	TIONAL	VISIT
	OATION	OATION	OATION	OATION	OATION	OATION	OCCITOL	9 AND 10
			STATE OF THE ART LECTURE 9 ZUCCHELLI	STATE OF THE ART LECTURE 10 JAEGER			Ph.DRUET SLE	r
12.30			ZOCONELLI	VALGEN				
		LUNCH E	REAK		VISIT IN	IDUSTRIA	L EXHIBIT	ION
14.00								
	SYMPOSION	SYMPOSION	SYMPOSION					
	PRE- VENTION OF PRO- GRESSION	TECHNICAL ADVANCES IN HD	INTER- NATIONAL REGISTRIES		-			
15.30								
	END OF C	ONGRESS						

GUEST LECTURES

B. Jordan, Marseille, France
THE HUMAN GENOME PROJECT

A. Cerami, Nanhasset, USA
THE ROLE OF ADVANCED GLYCOSILATION ENDPRODUCTS IN RENAL DISEASE

T. Lüscher, Basel, Switzerland
THE L-ARGININE / NITRIC OXIDE PATHWAY IN THE BLOOD VESSEL WALL

STATE OF THE ART LECTURES

J. Cunningham, London, UK
When should we start Calcitriol Therapy?

R. Gokal, Manchester, UK CAPD-Update

W. Hörl, Vienna, Austria
Metabolic abnormalities in Acute Renal Failure

D. Kerjaschki, Vienna, Austria Attempts to identify pathogenetic epitopes in experimental membranous nephropathy

F. Kokot, Kattowice, Poland Erythropoietin-Treatment and blood pressure

G. London, Paris, France The heart in uremia

J.M. Morales, Madrid, Spain Impact of Hepatitis C on renal transplantation

P. Zucchelli, Bologna, Italy
The Kidney as a victim of hypertension

H. Malluche, Lexington, USA
The changing spectrum of renal bone disease

Ph. Jaeger, Berne, Switzerland The mechanisms of so-called idiopathic renal stone disease: a unifying concept

SYMPOSIA

Genetics in Nephrology

Chairman: J.P. Grünfeld, Paris, France

New Immunosuppressive Strategies in Kidney Transplantation

Chairman: G. Opelz, Heidelberg, Germany

On - Line Monitoring During Haemodialysis

Chairmen: M.J.M. De Vries, Amsterdam, Netherlands

A. Santoro, Bologna, Italy

Apoptosis and Cell Necrosis

Chairman: A. Boobis, London, UK

Microalbuminuria

Chairman: G.C. Viberti, London, UK

New Insights into Parathyroid Cell Function and its Disturbancies

Chairmen: J. Silver, Jerusalem, Israel

A. Tores, Tenerife, Spain

Adhesion Molecules

Chairman: M. Goldman, Brussels, Belgium

Diabetes and Hypertension

Chairman: C. Grönhagen-Riska, Helsinki, Finland

Nutrition and Survival

Chairman: A. Heidland, Würzburg, Germany

New approaches to Glomerular Diseases

Chairmen: V. Cattel, London, UK

N. Mallik, Manchester, UK

How can we improve Organ Donation?

Chairman: G. Tufveson, Göteborg, Sweden

Kidney and Hypertension

Chairman: G. Bianchi, Bologna, Italy

Ultrafiltration - Volume Regulation in CAPD

Chairman: R. Krediet, Amsterdam, Netherlands

Technical Advances in Dialysis

Chairmen: J. Botella, Madrid, Spain

H.K. Stummvoll, Vienna, Austria

EDUCATIONAL COURSES

E. Ritz, Heidelberg, Germany Calcium and Phosphorus Metabolism

A. Davison, Leeds, UK Acute Renal Failure

F. Berthoux, St. Etienne, France Early Graft Dysfunction

Q. Maggiore, Florence, Italy Clinicopathological Conference

R. Verberckmoes, Leuven, Belgium Electrolyte Disorders

P. Druet, Paris, France Systemic Lupus Erythematodes

1994

HALL A HALL B HALL C HALL F1 HALL LM HALL NO HA	HALL F2 POSTER AREA
	IALL IZ . SOILITAILES
09.00 ERA-EDTA REGISTRY REGISTRY	
REGISTRY REPORT REPORT	
REPORT VIDEO VIDEO	
TRANSMISSION TRANSMISSION	
10.00 LECTURE	
B. JORDAN	
10.30 HUMAN GENOME	
11.00 SYMPOSION SYMPOSION SYMPOSION	
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GENETICS IN IMMUNO ONLINE MONI APOPTOSIS	
NEPHROLOGY SUPPRESIVE TORING IN HD AND CELL	
STRATEGIES CHAIRS: NECROSIS	
CHAIR: CHAIR: J.DeVRIES CHAIR:	
12.30 J.P.GRÜNFELD G.OPELZ A.SANTORO A. BOOBIS	
14.00 FREE FREE FREE FREE FREE EDU	UCA POSTED
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	MAGGIORE POSTER
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15.30 CON	NFERENCE
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W.HÖRL D.KERJASCHKI CALC	LCIUM & VISIT 4
17.30 PHO	OSPHORUS

7

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER AREA 1	POSTER AREA 2
EDTA-ERA REGISTRY REPORT	VIDEO TRANSMISSION	VIDEO TRANSMISSION						
LECTURE HUMAN GENOME								×

HUMAN GENOME						
09.00 - 10.00	VIDEO T	DANCHICCION	INTO HALL	D AND C	_ HALL	A
	VIDEO I	RANSMISSION	IN IO HALL I	B AND C		

EDTA-ERA REGISTRY REPORT ANNUAL REPORT ON MANAGEMENT OF RENAL FAILURE IN EUROPE, XXIV, 1993,

CHAIRMEN: N. MALLICK (UK),

J. BERNHEIM (ISRAEL), H.K. STUMMVOLL (AUSTRIA)

ANNUAL REPORT ON MANAGEMENT OF RENAL FAILURE IN EUROPE, XXIV, 1993.

PART I

F. VALDERRABANO

PART II N. MALLICK

10.00 - 10.30	
GUEST LECTURE	HALL A

CHAIRMEN: J. BERNHEIM (ISRAEL), J.P. GRÜNFELD (FRANCE)

BERTRAND JORDAN, MARSEILLE, FRANCE
THE HUMAN GENOME PROJECT

10.30 - 11.00 REFRESHMENT BREAK. VISIT INDUSTRIAL EXHIBITION

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER AREA 1	POSTER AREA 2
SYMPOSION	SYMPOSION	SYMPOSION	SYMPOSION					
GENETICS IN NEPHROLOGY	IMMUNOSUPP RESSIVE STRATEGIES	ON LINE MONITORING DURING HD	APOPTOSIS AND CELL NECROSIS					

11.00 - 12.30 ______ HALL A

SYMPOSION **GENETICS IN NEPHROLOGY**

CHAIR: J.P. GRÜNFELD, Paris, France

INTRODUCTORY REMARKS J.P. Grünfeld, Paris, France

NEW DATA ON GENETICS OF POLYCYSTIC KIDNEY DISEASE M. Breuning, Leiden, Netherlands

GENETICS OF ALPORT SYNDROME M. Weber, Erlangen, Germany

GENETICS OF VON HIPPEL LINDAU DISEASE E.R. Maher, Cambridge, UK

11.00 - 12.30 HALL B

SYMPOSION **NEW IMMUNSUPPRESSIVE STRATEGIES**

CHAIR: G. OPELZ, Heidelberg, Germany

NEW IMMUNOSUPPRESSIVE DRUGS - HOW GOOD HAVE THEY GOT TO BE?

R.W.G. Johnson, Manchester, UK

A CRITICAL APPRAISAL OF MONOCLONAL ANTIBODY THERAPY H. Kreis, Paris, France

CLINICAL EXPERIENCE WITH CYCLOSPORINE - NEORAL H.H. Neumayer, Nürnberg, Germany

STRATEGIES FOR PREVENTION OF CHRONIC REJECTION G. Opelz, Heidelberg, Germany

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER AREA 1	POSTER AREA 2
SYMPOSION GENETICS IN NEPHROLOGY	SYMPOSION NEW IMMUNO SUPRRESSIVE STRATEGIES	SYMPOSION ON LINE MONITORING IN HD	SYMPOSION APOPTOSIS AND CELL NECROSIS					

11.00 - 12.30 ______ HALL C

SYMPOSION ON LINE MONITORING DURING HAEMODIALYSIS

CHAIRS: P.M. De VRIES, Amsterdam, Netherlands, A. SANTORO, Bologna, Italy

BODY FLUIDS AND BLOOD VOLUME P.M.J.M. De Vries, Amsterdam, NL

BLOOD VOLUME AND BLOOD PRESSURE A. Santoro, Bologna, Italy

THERMAL BALANCE N. Levin, New York, USA

UREA

B. Canaud, Montpellier, France

11.00 - 12.30 HALL F1

SYMPOSION APOPTOSIS AND CELL NECROSIS

CHAIR: A. BOOBIS, London, UK

INTRODUCTORY REMARKS A. Boobis, London, UK

MECHANISMS OF RENAL NECROSIS G.M. Hawksworth, Aberdeen, UK

MECHANISMS OF APOPTOSIS F. Oberhammer, Vienna, Austria

APOPTOSIS IN RENAL DISEASE J. Savill, Nottingham, UK

			=:					
HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER	POSTER
							AREA 1	AREA 2
FREE	FREE	FREE	FREE	FREE	FREE	EDUCA	POSTER	POSTER
COMMUNI	COMMUNI	COMMUNI	COMMUNI	COMMUNI	COMMUNI	TIONAL	SESSION 1	SESSION 2
CATIONS	CATIONS	CATIONS	CATIONS	CATIONS	CATIONS	COURSE		
1	2	3	4	5	6	1		

14.00 - 15.30

HALL A

FREE COMMUNICATIONS 1

HAEMODIALYSIS: ADEQUACY, MONITORING CHAIRMEN: S. DAVID, Italy - H. GRAF, Austria

> **ENERGY VS PROTEIN INTAKE FOR ADEQUATE NUTRITION IN HEMODIALYSIS PATIENTS**

ITAKURA Y

Chauveau Ph Yanai M Yamauchi T

Reboul-Puget J Poignet J L Edouard-Rist Medical Center, Hospital Necker, Paris, France

Man N K

ANALYSIS OF DOUBLE POOL UREA KINETIC MODELING (DPKT/V) FOR

THE U.S. MORTALITY AND MORBIDITY IN HEMODIALYSIS TRIAL (MMHD)

SCHULMAN G Greene T

Levin N

Meyer K

Keshaviah P Keen M

Gotch F

MMHD Study Group

Vanderbilt University Med Ctr, Nashville, TN, USA

ROUTINE AND PRECISE DIALYSIS QUANTIFICATION MADE POSSIBLE WITH IN-LINE DIALYSATE UREA SENSING MONITOR

CANAUD B

Bosc J Y

Tam V O

Garred L J

Keshaviah P Mion C Nephrology, Lapeyronie Univ. Hosp. Montpellier, France; Lakehead Univ., Ontario, Canada; Baxter Healthcare CO, McGaw Park, IL, USA

HEMODIAFILTRATION ELIMINATES INTERLEUKIN-6, TUMOR-NECROSIS-FACTOR-ALPHA AND MEMBRANE-ATTACK-COMPLEX IN PATIENTS WITH SIRS/SEPTIC SHOCK - A PROSPECTIVE, CONTROLLED CLINICAL TRIAL

BRAUN N

Giolai M Rosenfeld S

Banzhaf W

Fretschner R

Weinstock C

Deppisch R Erley C

Risler T Muller G A Dep. of Internal Medicine III, Anesthesia and Transfusion- Medicine of the University of Tubingen (FRG),

Gambro (FRG), IKMI, St. Gallen (Suisse)

BLOOD VOLUME AND HEMODYNAMIC PATTERN MONITORING DURING **HEMODIALYSIS**

AMOROSO L Del Rosso G Di Liberato L Cavicchioli G

Rivalan J

Paolini FAlbertazzi A

Department of Nephrology, University of Chieti, Italy; Hospal-Dasco, Medolla, Italy

MONITORING OF BLOOD VOLUME BY EXTRA-CORPOREAL IMPEDANCEMETRY **DURING HEMODIALYSIS**

JOYEUX V

Guerard A Morin M P

Laruelle E

Bah A OLe Pogamp P

Nephrology Unit - CHRU - 35033 Rennes (France)

REFRESHMENT BREAK

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER	POSTER
							AREA 1	AREA 2
FREE	FREE	FREE	FREE	FREE	FREE	EDUCA	POSTER	POSTER
COMMUNI	COMMUNI	COMMUNI	COMMUNI	COMMUNI	COMMUNI	TIONAL	SESSION 1	SESSION 2
CATIONS	CATIONS	CATIONS	CATIONS	CATIONS	CATIONS	COURSE		
1	2	3	4	5	6	1		
	LECTURE CUNNINGHAM							

14.00 - 15.30

HALL B

FREE COMMUNICATIONS 2 CALCITRIOL THERAPY

CHAIRMEN: A. FOURNIER, France - K. OLGAARD, Denmark

State of the Art Lecture:

WHEN SHOULD WE START CALCITRIOL THERAPY?

J. CUNNINGHAM, London, UK

COMPARATIVE RESPONSE OF CALCITRIOL-RESPONSIVE GENES IN THE **RAT KIDNEY AND INTESTINE**

GASCON-BARRÉ M

Demers C

Hendy G

Delvin E

Lemay J Barré P

Université de Montréal and McGill University, Montreal, Canada

PLATELET CYTOSOLIC CALCIUM AND CONTROL OF SECONDARY HYPERPARATHYROIDISM: THE ROLE OF 1,25 DIHYDROXYCHOLECALCIFEROL

McMahon A C Woodhead J S Raine A E G

St Bartholomew's Hospital, London, England & University of Wales College of Medicine, Cardiff, Wales

DIAGNOSTIC FEATURES OF HEMODIALYSIS PATIENTS WHO DO NOT RESPOND TO ORAL CALCITRIOL PULSE THERAPY

SPERSCHNEIDER H Sperschneider K

Abendroth K

Department of Internal Medicine, University of Jena, Germany

DIFFERENT EFFECTS OF CALCITRIOL (C) AND PARATHYROIDECTOMY (PTX) ON THE IONIZED CALCIUM (ICA)-PTH CURVE IN DIALYSIS PATIENTS

MALBERTI F

Corradi B

Imbasciati E

Servizio Dialisi, Ospedale Maggiore, Lodi, Italy

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER AREA 1	POSTER AREA 2
FREE COMMUNI CATIONS	FREE COMMUNI CATIONS 2	FREE COMMUNI CATIONS 3	FREE COMMUNI CATIONS 4	FREE COMMUNI CATIONS 5	FREE COMMUNI CATIONS 6	EDUCA TIONAL COURSE 1	POSTER SESSION 1	POSTER SESSION 2

14.00 - 15.30 ______ HALL C

FREE COMMUNICATIONS 3

TRANSPLANTATION: IMMUNOSUPPRESSIVE TREATMENTS CHAIRMEN: F. BERTHOUX, France - B. JUNOR, UK

THE ROLE OF JUXTAGLOMERULAR CELLS (JGCS) AND GROWTH FACTORS IN EXPERIMENTAL CYCLOSPORINE (CYA) NEPHROTOXICITY

SHEHATA M Cope G H Barkworth E Raftery A T

El Nahas A M

Sheffield Kidney Institute, Sheffield, UK

CYCLOSPORIN INCREASES ATP TURNOVER OF PORCINE PROXIMAL TUBULES AND THICK ASCENDING LIMBS

Conthe P Martinez A Albarracin C Gomez Campdera F J

Valderrabano F TEJEDOR A

Hospital General Universitario "Gregorio Maranon", Madrid, Spain

CYCLOSPORINE A & FK 506 AFFECTS PLATELET FUNCTIONS

Malyszko J MALYSZKO J S Mysliwiec M Urano T

Takada Y Takada A

Dept of Nephrology, Bialystok Medical School, Poland and Hamamatsu University School of Medicine, Japan

IMMUNOSUPPRESSIVE EFFECTS OF PENTOXIFYLLINE ON HUMAN T CELLS

Koch J ZERRENTHIN N Leimenstoll G Zabel P

Niedermayer W Steinmann J

Institute of Immunology, Clinic of Nephrology, University of Kiel, Borstel Research Institute, Germany

CLINICAL AND HISTOLOGICAL FOLLOW-UP AFTER OKT3 THERAPY IN RENAL TRANSPLANT RECIPIENTS

GLOTZ D Raynal N Vincent F Duboust A Nochy D Bariety J

Service de Néphrologie, Hôpital Broussais, Paris

Service de Nephrologie, Hopital Broussals, Paris

ANTI-CD 4 MONOCLONAL ANTIBODY THERAPY OF LATE ACUTE REJECTION IN RENAL ALLOGRAFT RECIPIENTS

REINKE P Kern F Fietze E Docke W D

Ewert R Emmrich F Volk H D

Dept Nephrol & Med Immunol, Charite, Humboldt-University Berlin; Max-Planck Research Unit

Rheumatol/Immunol, ErlangenFRG

ſ	HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER	POSTER
- [AREA 1	AREA 2
-[FREE	FREE	FREE	FREE	FREE	FREE	EDUCA	POSTER	POSTER
-	COMMUNI	COMMUNI	COMMUNI	COMMUNI	COMMUNI	COMMUNI	TIONAL	SESSION 1	SESSION 2
- 1	CATIONS	CATIONS	CATIONS	CATIONS	CATIONS	CATIONS	COURSE		
- 1	1	2	3	4	5	6	1		
-				LECTURE					
- 1			l	F. KOKOT					

14.00 - 15.30

HALL F1

FREE COMMUNICATIONS 4
ERYTHROPOIETIN TREATMENT I

CHAIRMEN: K. SCHAEFER, Germany - B. OSTEN, Germany

IN VITRO STUDIES OF ERYTHROPOIETIN (EPO) IN HUMAN KIDNEY CELLS

VAN DER BIEST I

Helbert M J F

Nouwen E J De

De Broe M E

THE PRESSOR EFFECT OF RECOMBINANT HUMAN ERYTHROPOIETIN

THE PRESSOR EFFECT OF RECOMBINANT HUMAN ERYTHROPOLETIN (RHEPO) IS NOT DUE TO DECREASED ENDOGENOUS NITRIC OXIDE (NO) ACTIVITY

DEL CASTILLO D

Raij L

Tolins J F

Dept. of Medicine, VAMC and U of MN, Minneapolis, USA

ERYTHROPOIETIN ENHANCES FOREARM VASOCONSTRICTION TO NORADRENALINE IN HAEMODIALYSIS PATIENTS

HAND M

Haynes W

Dept. Nephrology, Univ. Antwerp, Belgium

Johnstone H

Anderton J

Webb D

Department of Medicine, University of Edinburgh, Scotland

BOLUS RECOMBINANT ERYTHROPOIETIN (REPO) INCREASES PULMONARY VASCULAR TONE WITHOUT CHANGES IN PLASMA ENDOTHELIN LEVELS

KURIHARA S Suga M

Akiba T

lino Y

Yoneshima H Kasukabe-Shuwa Hosp, Tokyo Med & Dent Univ, Nippon Med School, Kasukabe, Japan

STATE OF THE ART LECTURE: ERYTHROPOIETIN TREATMENT AND BLOOD PRESSURE F. KOKOT, KATTOWICE, POLAND

HALL A	ALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER AREA 1	POSTER AREA 2
COMMUNI CO	OMMUNI ATIONS		FREE COMMUNI CATIONS 4	FREE COMMUNI CATIONS 5	FREE COMMUNI CATIONS 6	EDUCA TIONAL COURSE 1	POSTER SESSION 1	POSTER SESSION 2

14.00 - 15.30

HALL LM

FREE COMMUNICATIONS 5 **PAEDIATRIC NEPHROLOGY**

CHAIRMEN: O. MEHLS, Germany - E. BALZAR, Austria

IGF-1 STIMULATES 1.25(OH)2D3 MEDIATED DNA-SYNTHESIS AND VITAMIN D RECEPTOR (VDR) EXPRESSION IN GROWTH PLATE CHONDROCYTES

KLAUS G Mehls O

Weber LHugel U

Ritz E

Departments of Pediatric Nephrology and Internal Medicine, University of Heidelberg, Germany

GROWTH HORMONE (GH) TREATMENT IN SHORT CHILDREN WITH CHRONIC **RENAL FAILURE (CRF): 5 YEAR EXPERIENCE**

HAFFNER D Wuhl E Tonshoff B

Mehls O

University Children's Hospital of Heidelberg, Germany

NORMAL SERUM PREVENTS THE INCREASE IN GLOMERULAR PERMEABILITY CAUSED BY SERA FROM PATIENTS WITH FOCAL **GLOMERULAR SCLEROSIS (FGS)**

SAVIN V J U. of Kansas School of Med. Ctr, San Francisco, CA, USA

Sharma R

Artero M

Vincenti F

A PROSPECTIVE RANDOMIZED THERAPEUTIC TRIAL FOR STEROID

INSENSITIVE NEPHROTIC SYNDROME (NS)

FODA M A Hassan N

Sobh M Saleh M A Moustafa F

Sally S

Bakr M A

Wafa E W

Ghoneim M A

Urology - Nephrology Center, Mansoura University, Egypt

PROTEINURIA AND ENZYMURIA IN WILSON'S DISEASE (WD)

SOZERI E

Feist D

Ruder H Scharer K

University Children's Hospital, Heidelberg, Germany

NON-0157 VEROTOXIN-PRODUCING E. COLI-ASSOCIATED HAEMOLYTIC **URAEMIC SYNDROME (HUS)**

LUDWIG K

Kloth M

Zimmermann S

Ruder H Schärer K

Dep. of Paediatrics, Univ. of Erlangen, Germany

Bitzan M

^{*)} highest ranked abstract - will be awarded during the session

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER AREA 1	POSTER AREA 2
FREE COMMUNI CATIONS 1	FREE COMMUNI CATIONS 2	FREE COMMUNI CATIONS 3	FREE COMMUNI CATIONS 4	FREE COMMUNI CATIONS 5	FREE COMMUNI CATIONS 6	EDUCA TIONAL COURSE 1	POSTER SESSION 1	POSTER SESSION 2

14.00 - 15.30 HALL NO

FREE COMMUNICATIONS 6
TRANSPORT AND HORMONES

CHAIRMEN: P. GROSS, Germany - R. DZURIK, Slovakia

ANTIDIURETIC HORMONE (ADH) ENHANCES DISTAL TUBULAR REABSORPTION OF LI IN MAN

COLUSSI G Brunati C Rombola G De Ferrari M E

Minetti L

Renal Unit, Niguarda-Ca' Granda Hospital, Milan, Italy

THE NA+ - CA2+ EXCHANGE INFLUENCES THE ANGIOTENSIN II-, BUT NOT THE VASOPRESSIN-, OR NOREPINEPHRINE-INDUCED CHANGES OF (CA2+)I IN VASCULAR SMOOTH MUSCLE CELLS

ZHU Z Tepel M Neusser M Spieker C Zidek W Neumayer H H

Med. Univ.-Poliklinik, University of Munster, Munster, Germany

A SPECIFIC EFFECT OF HYPERTONIC NACL SOLUTION ON ANP RELEASE BY RAT CARDIOCYTES

GOLIK A Weissgarten J Averbukh Z Berman S Cohen N Cohn M Modai D

Nephrology Division, Assaf Harofeh Medical Center, Zerifin, Israel

1.25 VITD3 PROMOTES THE SECRETION OF ANF IN HAEMODIALYSIS PATIENTS

ZOCCALI C Parlongo S Messineo L Sicuso C

Finocchiaro P

Divisione di Nefrologia e CNR Centro di Fisiologia Clinica, Reggio Calabria, Italy

VENOCONSTRICTION TO ENDOTHELIN IN CHRONIC RENAL FAILURE

HAND M Haynes W Anderton J Winney R Webb D

Department of Medicine, University of Edinburgh, Scotland

MECHANISMS OF ENDOTHELIN-INDUCED INHIBITION OF RENIN RELEASE IN JUXTAGLOMERULAR CELLS

KRAMER B K Ritthaler T Ackermann M Riegger G A J Kurtz A

Klinik und Poliklinik fur Innere Medizin II, PhysiologischesInstitut I, University of Regensburg, Germany

REFRESHMENT BREAK

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER AREA 1	POSTER AREA 2
FREE COMMUNI CATIONS 1	FREE COMMUNI CATIONS 2	FREE COMMUNI CATIONS 3	FREE COMMUNI CATIONS 4	FREE COMMUNI CATIONS 5	FREE COMMUNI CATIONS 6	EDUCA TIONAL COURSE1	POSTER SESSION 1	POSTER SESSION 2

14.00 - 15.30 ______ HALL F2

EDUCATIONAL COURSE 1

CLINICOPATHOLOGICAL CONFERENCE

Q. MAGGIORE, Italy together with T. FARRAGIANA, Roma, Italy and L. MINETTI, Milano, Italy

14.00 - 15.30	POSTER AREA 1

POSTERVISIT 1

IMMUNOPATHOLOGY: EXPERIMENTAL AND CLINICAL

CHAIR PERSON: G. REMUZZI, ITALY - C. SAVAGE, UK

POSTERS SELECTED TO BE VISITED: SEE PAGE 59

14.00-15.30	POSTER AREA 2

POSTERVISIT 2

PERITONEAL DIALYSIS

CHAIRPERSON: M. KESSLER, France - G. KORZITS, Israel

POSTERS SELECTED TO BE VISITED: SEE PAGE 62

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER AREA 1	POSTER AREA 2
FREE COMMUNI CATIONS 7	FREE COMMUNI CATIONS 8	FREE COMMUNI CATIONS 9	FREE COMMUNI CATIONS 10	FREE COMMUNI CATIONS 11	FREE COMMUNI CATIONS 12	EDUCA TIONAL COURSE 2	POSTER SESSION 3	POSTER SESSION 4

16.00 - 17.30 HALL A

FREE COMMUNICATIONS 7

HAEMODIALYSIS: BIOCOMPATIBILITY

CHAIRMEN: B. RUTKOWSKI, Poland - C. TIELEMANS, Belgium

BRADYKININ DURING ANAPHYLACTOID REACTIONS WITH AN69 DIALYZERS

SCHAEFER R M Fink E Schaefer L Heidland A

Department of Nephrology, University of Wuerzburg, FRG; Department of Clinical Biochemistry,

University of Munich, FRG

INDUCTION OF IL-1 RECEPTOR ANTAGONIST DURING CONTAMINATED IN VITRO DIALYSIS WITH WHOLE BLOOD

SCHINDLER R Lufft V

Lonnemann G Mahiout A

Shaldon S Koch K M

Med. School Hannover, FRG and Nimes Univ. Hosp. France

HEPARIN FREE HYPOTHERM HAEMODIALYSIS AT 20° C IMPROVES BIOCOMPATIBILITY

Gram J

OTTEKE

Jensen P G Starklint H

Svendsen P Jorgensen K A

Dept. of Nephrology, Odense University Hospital, Denmark

OXYGEN RADICALS AS A MARKER FOR BIOCOMPATIBILITY OF DIALYSIS MEMBRANES

ROSENKRANZ A R

Templ E

Traindl O

Zlabinger G J

Department of Internal Medicine III, Division of Nephrology and Dialysis, and Institute of Immunology,

University of Vienna, Vienna, Austria

NITRIC OXIDE (NO) PRODUCTION DURING DIALYSIS: IN VITRO EVALUATION BY A NEW TEST

AMORE A

Kovarik J

Bonaudo R Cirina P

Ghigo D Bussolino R

Gianoglio B

Costamagna C Peruzzi L

Coppo R

Nephrology and Dialysis Dept, Regina Margherita Hospital, Genetic Biol and Med Chemistry,

University of Turin, Italy

NITRIC OXIDE (NO)-ENDOTHELIUM DERIVED RELAXING FACTOR (EDRF) IN HEMODIALYSIS PATIENTS (HD)

GROSSKOPF I Wollman Y Chernihovsky T Drori E R Segev DArad T Primerman H Peer G Blum M

Cabili S laina A

Nephrology, Tel Aviv Med Ctr, Israel

^{*)} highest ranked abstract - will be awarded during the session

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER AREA 1	POSTER AREA 2
FREE COMMUNI CATIONS 7	FREE COMMUNI CATIONS 8	FREE COMMUNI CATIONS 9	FREE COMMUNI CATIONS 10	FREE COMMUNI CATIONS 11	FREE COMMUNI CATIONS 12	EDUCA TIONAL COURSE 2	POSTER SESSION 3	POSTER SESSION 4

16.00 - 17.30 HALL B

FREE COMMUNICATIONS 8

GENETIC DISEASES AND SUSCEPTIBILITY CHAIRMEN: E. MAHER, UK - G. STEIN, Germany

GENETIC STUDIES IN PORTUGUESE FAMILIES WITH AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE (ADPKD)

DE ALMEIDA S de Almeida E Lavinha J Oliveira J

Pinto J Prata M

ASSOCIATED DISEASES

Instituto Nacional de Saude e Hospital Sta Maria, Lisboa, Hospital S. Joao, Porto, Portugal

IDENTIFICATION OF A NEW GENETIC DELETION IN A HETEROZYGOUS WOMAN WITH FABRY'S DISEASE AND END-STAGE RENAL FAILURE

VAN LOO A Sorensen S Hasholt L Madsen K

Praet M Ringoir S Vanholder R
UZ Ghent, Belgium & Panum Inst. Copenhagen, Denmark

ALPHA-1 ANTITRYPSIN DEFICIENCY IN PATIENTS WITH C-ANCA-

LHOTTA K Vogel W Meisl T Buxbaum M

Never U Konig P

Innsbruck University Hospital, Wilhelminenspital Vienna, Landeskrankenhaus Feldkirch, Austria

ASSOCIATION BETWEEN THE PIZ GENE FOR _1-ANTITRYPSIN (_1-AT) AND WEGENERS GRANULOMATOSIS

SEGELMARK M Elzouki A N Wieslander J Eriksson S
Department of Medicine, Malmo; Department of Nephrology, University of Lund, Sweden

IDENTIFYING GENETIC DETERMINANTS OF MICROALBUMINURIA IN NON-INSULIN DEPENDENT DIABETES MELLITUS (NIDDM)

DUDLEY C Stratton I Keavney B Turner R
Ratcliffe P Winearls C

Nuffield Dept. of Medicine, Oxford, England

A DELETION POLYMORPHISM IN THE ANGIOTENSIN-CONVERTING ENZYME GENE IS A RISK FOR DIABETIC NEPHROPATHY

FOGARTY D G Maxwell A P Hughes A Nevin N C

Doherty C C Brown J H

Departments of Nephrology and Medical Genetics, Belfast CityHospital and Queen's University of Belfast,

Northern IrelandUK

^{*)} highest ranked abstract - will be awarded during the session

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER	POSTER
							AREA 1	AREA 2
FREE COMMUNI CATIONS 7	FREE COMMUNI CATIONS 8	FREE COMMUNI CATIONS 9 LECTURE W.HÖRL	FREE COMMUNI CATIONS 10	FREE COMMUNI CATIONS 11	FREE COMMUNI CATIONS 12	EDUCA TIONAL COURSE 2	POSTER SESSION 3	POSTER SESSION 4

16.00 - 17.30

HALL C

FREE COMMUNICATIONS 9
CLINICAL NEPHROLOGY I

CHAIRMEN: R. BARSOUM, Egypt - S. SONKODI, Hungary

TRANSFEMORAL RENAL BIOPSY (TFRB) WITH FORCEPS: INITIAL EXPERIENCE

VAZQUEZ C Bilbao J I

Joly M A

Sangro B

Longo J M

Purroy A

Clinica Universitaria de Navarra, Pamplona, Spain

INTRARENAL RESISTANCE INDEX INCREASES DIAGNOSTIC VALUE OF COLOUR DOPPLER IMAGING FOR DIAGNOSIS OF NOT VISUALISED RENAL ARTERY STENOSIS

KRUMME B

Kirschner T

Blum U

Keller E

Schollmeyer P
University Hospital Freiburg, Department of Internal Medicine and Department of Radiology, Germany

PROGNOSIS OF ACUTE RENAL FAILURE (ARF) DUE TO SEPSIS, WITH AND WITHOUT SEPTIC SHOCK

Neveu H Landais P KLEINKNECHT D

Brivet F

Loirat P

Departments of Nephrology and Intensive Care, Montreuil, Clamart, Suresnes; Laboratoire de Biostatistique, Necker Hospital, Paris, France

1993 HANTAVIRUS (HV) ENDEMIC IN THE ARDENNES

CLEMENT J

Colson P

Damoiseaux Ph McKenna P

Coeck J Nevts J

Verhagen R

Queen Astrid Mil. Hospital, Brussels, C.S. des Fagnes, Chimay; C.H. de Dinant, and RUCA, Antwerp, Belgium

STATE OF THE ART LECTURE:
METABOLIC ABNORMALITIES IN ACUTE RENALFAILURE
W.HÖRL, VIENNA, AUSTRIA

Leirs H

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER AREA 1	POSTER AREA 2
FREE COMMUNI CATIONS 7	FREE COMMUNI CATIONS 8	FREE COMMUNI CATIONS 9	FREE COMMUNI CATIONS 10	FREE COMMUNI CATIONS 11	FREE COMMUNI CATIONS 12	EDUCA TIONAL COURSE 2	POSTER SESSION 3	POSTER SESSION 4

HALL F1 16.00 - 17.30

FREE COMMUNICATIONS 10 **ERYTHROPOIETIN TREATMENT II** CHAIRMEN: J.P. WAUTERS, Switzerland - P. BALCKE, Austria

ROLE OF IL-2 IN THE RESISTANCE TO EPO THERAPY IN CHRONIC HEMODIALYSIS PATIENTS

Raiola P Manzo M PERNA A Istituto di Medicina Interna e Nefrologia, Seconda Universita di Napoli, Italy

INTERLEUKIN-3 POTENTIATES THE EFFECT OF ERYTHROPOIETIN IN A URAEMIC ANAEMIC ANIMAL MODEL

MACDOUGALL I C Allen D A Raine A E G

Cavill I

Baker L R I

Stein G

Dept of Nephrology, St Bartholomew's Hospital, London and Dept of Haematology, University Hospital of Wales, Cardiff, UK

R-HU EPO THERAPY INFLUENCES PHAGOCYTIC ACTIVITY OF PMN IN THE SKIN OF DIALYSIS PATIENTS (DP)

SPERSCHNEIDER H

Neumann U

Stauch M

Department of Internal Medicine, University of Jena, Gambro Co Hechingen, Germany

THE EFFECT OF R-HU-EPO ON PHAGOCYTOSIS IN DIALYSED PATIENTS

Dept of Medicine and Dept of Immunology, Charles Univ Med School, Prague, CZ

LOW COST RECOMBINANT HUMAN ERYTHROPOIETIN (RHU-EPO) THERAPY WITH MINIMAL DOSAGE CONTINUOUS INTRAVENOUS INTRADIALYTIC ADMINISTRATION FOR THE TREATMENT OF ANEMIA OF END STAGE **RENAL DISEASE**

Liani M

SALVATI F

Ridolfi D

Dept. Nephrology Hospital S. Massimo, Penne; Dept. Int. Medicine, Renzetti Hospital, Lanciano; Dept. Clin. Path., Hospital S. Massimo, Penne, Italy

Perez R

INFLUENCE OF HEMATOCRIT ON QUALITY OF LIFE OF HEMODIALYSIS **PATIENTS**

VALDERRABANO F

Aracil F J

H. Principe de Asturias, H. Gregorio Maranon, Madrid, Spain

^{*)} highest ranked abstract - will be awarded during the session

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER AREA 1	POSTER AREA 2
FREE COMMUNI CATIONS 7	FREE COMMUNI CATIONS 8	FREE COMMUNI CATIONS 9	FREE COMMUNI CATIONS 10	FREE COMMUNI CATIONS 11	FREE COMMUNI CATIONS 12	EDUCA TIONAL COURSE 2	POSTER SESSION 3	POSTER SESSION 4

16.00 - 17.30

HALL LM

FREE COMMUNICATIONS 11 TRANSPLANTATION IMMUNBIOLOGY

CHAIRMEN: F. MÜHLBACHER, Austria - G. OPELZ, Germany

MECHANISMS OF RECOGNITION OF ALLO-MHC IN VASCULARIZED ALLOGRAFT REJECTION: T CELLS RECOGNIZE PROCESSED ALLO-MHC PEPTIDES PRESENTED BY SELF ANTIGEN-PRESENTING CELLS

WATSCHINGER B Carpenter C B

Gallon L

Murphy B

Sayegh M H

Renal Division, Brigham & Women's Hospital, Harvard Medical School, Boston, USA

REFLECTION OF HLA-B AND DR MISMATCHES (BDRMM) IN THE PERIPHERAL LYMPHOCYTE SUBSETS (PLS) AFTER RENAL TRANSPLANTATION (RT)

BUSTORFF M Praca A

Candeias J

Ramos J P

Guerra L Fernandes J

Departments of Nephrology and Immunology, Hospital S. Joao, Faculdade de Medicina - Univ. do Porto

APPLICATION OF AN ORIGINAL CYTOMETRY TECHNIQUE TO PERFORM **CROSS-MATCH IN KIDNEY TRANSPLANT**

Nanni Costa A BUSCAROLI A Iannelli S

Institute of Nephrology, University of Bologna, Italy

Scolari M P

Liviano G

Borgnino L C

De Sanctis L B

Raimondi C

Stefoni S Bonomini V

PREFORMED HUMAN ALLOANTIBODIES AGAINST DR-TYPED LYMPHO-BLASTOID CELL LINES AND CAPILLARY DEPOSITION OF COMPLEMENT C4D IN "EARLY RENAL GRAFT DYSFUNCTION"

Lederer S R

Albert E

Schneeberger H Johnson J

Schendel D J Burkhardt K Hillebrand G

Land W

Institut fur Immunologie; Med Klinik, Klinikum Innenstadt; Abteilung fur Transplantationschirurgie, Med Klinik I,

Klinikum Grosshadern und Kinderpoliklinik der Universitat München, Munich, Germany

INTRINSIC RENAL PRODUCTION OF C3: POSSIBLE ROLE IN REJECTION?

ANDREWS PA Finn JE Mathieson P W Sacks S H

Renal Unit, UMDS, Guy's Hospital, London and Dept of Medicine, Addenbrooke's Hospital, Cambridge, UK

RANDOMISED PROSPECTIVE STUDY OF DONOR SPECIFIC TRANSFUSION WITH CONCOMITANT CYCLOSPORINE IN LIVING RELATED TRANSPLANTATION - 1983-94

Bakran A

Bone M

Sells R

Department of Transplantation, Royal Liverpool University Hospital, United Kingdom

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER	POSTER
							AREA 1	AREA 2
FREE	FREE	FREE	FREE	FREE	FREE	EDUCA	POSTER	POSTER
COMMUNI	COMMUNI	COMMUNI	COMMUNI	COMMUNI	COMMUNI	TIONAL	SESSION	SESSION
CATIONS	CATIONS	CATIONS	CATIONS	CATIONS	CATIONS	COURSE		
7	8	9	10	11	12	2	3.	4
	a 1,				LECTURE			
					KERJASCHKI			

16.00 - 17.30 ______ HALL NO

FREE COMMUNICATIONS 12

MEMBRANOUS NEPHROPATHY: EXPERIMENTAL AND CLINICAL

CHAIRMEN: C. SHORT, UK - R. STAHL, Germany

STATE OF THE ART LECTURE: ATTEMPTS TO IDENTIFY PATHOGENETIC EPITOPES IN EXPERIMENTAL MEMBRANOUS NEPHROPATHY D. KERJASCHKI, VIENNA, AUSTRIA

PROTEINURIA IN PASSIVE HEYMANN NEPHRITIS (PHN) IS ASSOCIATED WITH LIPID PEROXIDATION (LPO) AND FORMATION OF ADDUCTS ON TYPE IV COLLAGEN

NEALE TJ Ruger B M

Kerjaschki D Witztum J

Davis P

Dept of Medicine, Wellington School of Medicine, New ZealandInstitute of Pathology,

Vienna and Dept of Medicine, UCSD, San Diego

CELLULAR ADHESION MOLECULES (CAM) IN MEMBRANOUS **GLOMERULONEPHRITIS (MGN)**

HONKANEN E von Willebrand E Gronhagen-Riska C University of Helsinki, Helsinki, Finland

TUMOUR NECROSIS FACTOR ALPHA (TNF-ALPHA) IN HUMAN MEMBRANOUS **NEPHROPATHY (MN)**

Neale T J Macaulay H Ruger B M

Bourke A

DUNBAR R Hasan Q Kerjaschki D

Dept of Medicine, Wellington School of Medicine, New Zealand

MESANGIAL IMMUNE DEPOSITION (MD) IN IDIOPATHIC MEMBRANOUS **NEPHROPATHY (IMN)**

KIBRIYA M G Mouschmov D Minkova V

Deliyska B

Higher Medical Institute, Sofia, Bulgaria

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER AREA 1	POSTER AREA 2
FREE COMMUNI CATIONS 7	FREE COMMUNI CATIONS 8	FREE COMMUNI CATIONS 9	FREE COMMUNI CATIONS 10	FREE COMMUNI CATIONS 11	FREE COMMUNI CATIONS 12	EDUCA TIONAL COURSE 2	POSTER SESSION 3	POSTER SESSION 4

EDUCATIONAL COURSE 2

HALL F2

CALCIUM AND PHOSPHORUS METABOLISM IN RENAL FAILURE

16.00 - 17.30

E. RITZ, HEIDELBERG, GERMANY together with A. FOURNIER, Amiens, France and J. CUNNINGHAM, London, UK

16.00 - 17.30	POSTER AREA 1

POSTERVISIT 3

MANAGEMENT OF SECONDARY HYPERPARATHYROIDISM

CHAIRMEN: D. MEMMOS, Greece - M. POPOVTZER, Israel

POSTERS SELECTED TO BE VISITED : SEE PAGE 65

6.00-17.30	POSTER AREA 2

POSTERVISIT 4

GLOMERULAR DISEASES: CLINICAL ASPECTS

CHAIRMEN: S. CAMERON, UK - A. MEYRIER, France

POSTERS SELECTED TO BE VISITED: SEE PAGE 68

	HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER AREA
08.30	LECTURE: AGE							
	A.CERAMI							
09.00	SYMPOSION	SYMPOSION	SYMPOSION					
	MICRO-	PARATHYROID CELL FCT.	ADHESION					
10.30	ALBUMINURIA GC.VIBERTI	J.SILVER, A.TORRES	MOLECULES M.GOLDMAN					
44.00							•	
11.00	FREE	FREE	FREE COMMUNI	FREE COMMUNI	FREE COMMUNI	FREE COMMUNI	EDUCA TIONAL	POSTER
	COMMUNI CATIONS 13	CATIONS 14	CATIONS 15	CATIONS 16	CATIONS 17	CATIONS 18	COURSE	VISIT 5
		LECTURE: H.MALLUCHE		LECTURE: J.MORALES			ACUTE RENAL FAILURE	POSTER VISIT 6
12.30							A.DAVIDSON	VISIT 0
		12	2.45-13.45 HAL	L F2: DIALYSI	S OPINION SY	MPOSIUM		
14.00	SYMPOSION	SYMPOSION	SYMPOSION					
	DIADETEC							
	DIABETES	NUTRITION	APPROACH TO					
	HYPERTENSION		GLOMERULAR					
15.30	GRÖNHAGEN- RISKA	SURVIVAL A.HEIDLAND	DISEASES N.MALLIK					
16.00	FREE	FREE	FREE	FREE	FREE	FREE	EDUCA	POSTER
	COMMUNI CATIONS 19	CATIONS 20	COMMUNI CATIONS 21	COMMUNI CATIONS 22	COMMUNI CATIONS 23	COMMUNI CATIONS 24	TIONAL	VISIT 7
	CATIONS 19	CATIONS 20	CATIONS 21	CATIONS 22	CATIONS 23	CATIONS 24	COURSE	
	LECTURE:	LECTURE:					EARLY TPL	POSTER
17.30	G.LONDON	R.GOKAL					DYSFUNCTION F.BERTHOUX	VISIT 8
17.45	GENERAL							
19 00	ASSEMBLY							

22

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER AREA 1	POSTER AREA 2
LECTURE ADVANCED GLYCOSIL. ENDPROD.								
SYMPOSION MICROALBU MINURIA		SYMPOSION ADHHESION MOLECULE S						

8.30 - 9.00 _____ HALL A

GUEST LECTURE

CHAIR: E. RITZ, Germany - G.C. VIBERTI, UK

ANTHONY CERAMI, MANHASSET, USA

THE ROLE OF ADVANCED GLYCOSYLATION ENDPRODUCTS IN RENAL DISEASE

9.00 - 10.30 HALL A

SYMPOSION MICROABUMINURIA

CHAIR: G.C. VIBERTI, London, UK

INTRODUCTION
G.C. Viberti, London, UK

MICROALBUMINURIA IN DIABETES MELLITUS C.E. Mogensen, Aarhus, Denmark

MICROALBUMINURIA IN ESSENTIAL HYPERTENSION R. Nosadini, Padua, Italy

MICROALBUMINURIA IN GENERAL POPULATION M. Marre, Angers. France

MICROALBUMINURIA: IMPLICATIONS IN CLINICAL PRACTICE S. Marshall. Newcastle. UK

CONCLUSION
G.C. Viberti, London, UK

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER AREA 1	POSTER AREA 2
LECTURE DIABETES								
SYMPOSION MICROALBU MINURIA	SYMPOSION PARATHYR OID CELL	SYMPOSION ADHHESION MOLECULS						

09.00 - 10.30 ______ HALL B

SYMPOSION

NEW INSIGHTS IN PARATHYROID CELL FUNCTION AND ITS DISTURBANCES CHAIR: J. SILVER, Jerusalem, Israel - A. TORRES, Tenerife, Spain

> PTH IN RENAL BONE DISEASE-A PERSPECTIVE A. Torres, Tenerife, Spain

PATHOGENESIS OF SECONDARY HYPERPARATHYROIDISM J. Silver, Jerusalem, Israel

CALCIUM-PTH RELATIONSHIP IN EXPERIMENTAL UREMIA K. Olgaard, Copenhagen, Denmark

BOLUS OR MAINTENANCE 1,25(OH)2D3 FOR **HYPERPARATHYROIDISM** H. Reichel. Heidelberg, Germany

THE CALCIUM SET POINT IN UREMIC PATIENTS M. Rodriguez, Cordoba, Spain

09.00 - 10.30 ______ HALL C

SYMPOSION

ADHESION MOLECULES

CHAIR: M. GOLDMAN, Brussels, Belgium

INTRODUCTION

M. Goldman, Brussels, Belgium

ADHESION MOLECULES IN GLOMERULAR DISEASES J.A. Bruijn, Leiden, Netherlands

ADHESION MOLECULES AS BIOCOMPATIBILITY MARKERS IN **HEMODIALYSIS**

C. Tielemans, Brussels, Belgium

ADHESION MOLECULES AS THERAPEUTIC TARGETS IN RENAL TRANSPLANTATION

J.P. Soulillou, Nantes, France

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER AREA 1	POSTER AREA 2
FREE COMMUNI CATION	FREE COMMUNI CATION	FREE COMMUNI CATION	FREE COMMUNI CATION	FREE COMMUNI CATION	FREE COMMUNI CATION	EDUCA TIONAL COURSE	POSTER SESSION 5	POSTER SESSION 6
13	14	15	16	17	18			

11.00 - 12.30

HALL A

FREE COMMUNICATIONS 13

HAEMODIALYSIS: COMPLICATIONS

CHAIRMEN: H. HOLZER, Austria - J. SIMOES, Portugal

HEMODIALYSIS PROCEDURE (HD) CAN CONTRIBUTE TO THE HEMOSTATIC **DEFECT IN UREMIA**

CASES A

Diaz-Ricart M Escolar G

Ordinas A

Lopez-Pedret J Revert L

Hospital Clinic Barcelona, Catalonia, Spain

EFFECT OF FLUID VOLUME EXPANSION ON ARTERIAL DISTENSIBILITY IN HEMODIALYSIS PATIENTS

BARENBROCK M

Spieker C

Hoeks A P G Rahn K H

Neumayer H H

Med. Univ.-Poliklinik, Munster, Germany; Dep. of Biophysics, University of Limburg, Netherlands

HMG COA REDUCTASE INHIBITORS IN HEMODIALYSIS PATIENTS. A **RISK FACTOR FOR ACUTE PANCREATITIS?**

LOZANO L

Tornero F

Uson J

Rincon B

Garzon A Roldan A

Hospital Virgen de la Luz, Cuenca, Espana

B2-MICROGLOBULIN (β2μ)ISOFORMS IN HEALTHY INDIVIDUALS AND IN **AMYLOID DEPOSITS**

ARGILES A Mourad G

Garcia M Demaille J G Bourg V

Derancourt J

CRBM-LP9008 CNRS and Dept. of Nephrology, Hopital Lapyronie, Univ. Montpellier I, France

PREVALENCE OF CAPSULOSYNOVIAL BETA-2M AMYLOIDOSIS IN **HEMODIALYSIS: A PROSPECTIVE POST-MORTEM STUDY**

UCL, Brussels; VUB, Brussels; RUG, Gent; CHU Liège, Belgium

JADOUL M

Garbar C

Noel H

Sennesael J

Vanholder R

Bernard P

Rorire G

Hanique G

van Ypersele de Strihou

EFFECT OF RENAL TRANSPLANTATION ON DIALYSIS-RELATED AMYLOID **DEPOSITS: PROSPECTIVE EVALUATION BY 123I-SAP SCINTIGRAPHY**

TANSY

Madhoo S

Brown E Gower P

Irish A

Winearls C

Clutterbuck E J Pepys M B

Hawkins P N

Royal Postgraduate Medical School, Hammersmith Hospital, London W12 0NN, England

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER	POSTER
							AREA 1	AREA 2
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1.0	LECTURE	2000	Toward Control					
13	MALLUCHE	15	16	17	18			

11.00 - 12.30

HALL B

FREE COMMUNICATIONS 14
RENAL BONE DISEASE

CHAIRMEN: J. CANNATA, Spain - T. DRUEKE, France

STATE OF THE ART LECTURE: THE CHANGING SPECTRUM OF RENAL BONE DISEASE OVER THE LAST DECADE H. MALLUCHE, USA

BONE ALKALINE PHOSPHATASE (BAP) COMPARED TO PTH IN THE DIAGNOSIS OF ADYNAMIC BONE DISEASE (ABD)

COUTTENYE M M

D'Haese P C Van Hoof V O Lemoniatou E

Goodman W De Broe M E

Depts Nephrology, University of Antwerp, Belgium; Sismanoglion Hospital Athens, Greece and UCLA

IS THE IN-VITRO HYDROXYAPATITE-BINDING OF CIRCULATING OSTEOCALCIN MEANINGFUL?

Sachse S

STEIN G

Saupe J

Abendroth K

Sperschneider Carlsohn H

Krohne H P Misselwitz J

Depts. of Intern. Med and Pediatrics, Inst. of Radiology, Univ. of Jena; Dept. of Intern. Med.,

Hospital Moabit, Berlin, Germany

ANEMIA AND RENAL OSTEODYSTROPHY

ZACHEE P Vanu

Vanuytsel J

Daelemans R Lins R L

Department of Nephrology-Hypertension, AZ Stuivenberg, Antwerp, Belgium

LONG TERM TREATMENT WITH CALCIUM KETOGLUTARATE:
NORMALIZATION OF IPTH DUE TO CALCIUM PHOSPHATE RATIO?

ZIMMERMANN E

Wassmer S

Steudle V

Renal Unit, Mannheim, Germany

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER AREA 1	POSTER AREA 2
FREE COMMUNI CATION	FREE COMMUNI CATION	FREE COMMUNI CATION	FREE COMMUNI CATION	FREE COMMUNI CATION	FREE COMMUNI CATION	EDUCA TIONAL COURSE	POSTER SESSION	POSTERS ESSION
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11.00 - 12.30

HALL C

FREE COMMUNICATIONS 15 CHRONIC RENAL FAILURE

CHAIRMEN: T. MOUNTOKALAKIS, Greece - C. VAN YPERSELE, Belgium

GLUCOSE INTOLERANCE IN CHRONIC RENAL FAILURE (CRF): POTENTIAL ROLE OF LOW PLASMA CHROMIUM LEVEL

Yakupoglu G

SULEYMANLAR G

Akdeniz University Medical School, Antalya, Turkey

ROLE OF ANEMIA IN THE PATHOGENESIS OF GLUCOSE INTOLERANCE AND INSULIN RESISTANCE IN RATS WITH CHRONIC RENAL FAILURE (CRF)

KIMPS

Mak R H

Stanford University School of Medicine, Stanford, U.S.A.

LONG-TERM FOLIC ACID SUPPLEMENTATION LOWERS ELEVATED PLASMA HOMOCYSTEINE LEVEL IN CHRONIC RENAL FAILURE PATIENTS

CHAUVEAU P Chadefaux B

B Coude M

Aupetit J

Kamoun P Jungers P

Departments of Nephrology and Biochemistry, Necker Hospital, Paris, France

TREATMENT OF ALUMINIUM (AL) OVERLOAD: COMPARATIVE EFFECT OF DESFERRIOXAMINE (DFO) AND DEFERIPRONE (L1) ON AL REMOVAL FROM HUMAN SERUM PROTEINS

FERNANDEZ-MARTIN J L

RTIN J L Canter

Canteros A

Menendez-Fraga P

Diaz-Lopez J B

Bone and Mineral Research Unit, Hospital Central de AsturiasOviedo, Spain

BRAIN MRI AND NEUROPSYCHIATRIC FINDINGS IN CHRONIC HEMODIALYSIS PATIENTS

FAZEKAS G

Cannata J B

Holzer H

Fazekas F

Kapeller P

Schmidt R

Offenbacher H Lechner H

Departments of Internal Medicine and Neurology, and MRI Center, Karl-Franzens University, Graz, Austria

ANDROSTANEDIOL GLUCURONIDE, A UREMIC TOXIN?

NARET C Boudou P Fiet J Chauveau Ph

Bonete R Poignet J L Guéchot J Itakura Y

Yamauchi T Man N K

E. Rist Medical Center, St Louis, St Antoine & Necker Hospitals, Paris, France

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER	POSTER
							AREA 1	AREA 2
FREE COMMUNI CATION	FREE COMMUNI CATION	FREE COMMUNI CATION	FREE COMMUNI CATION 16 LECTURE	FREE COMMUNI CATION	FREE COMMUNI CATION	EDUCA TIONAL COURSE 3	POSTER SESSION 5	POSTER SESSION 6
13	14	15		17	18			

11.00 - 12.30

HALL F1

FREE COMMUNICATIONS 16 CLINICAL TRANSPLANTATION:

CHAIRS: U. BINSWANGER, Switzerland - K. SALMELA, Finland

CHRONIC ALLOGRAFT NEPHROPATHY: MORPHOLOGICAL CLASSIFICATION AND CLINICAL COURSE

SIMIC S Djukanovic Lj Sindjic M

Stojkovic D

Blagojevic R Radivojevic D Lezaic V

Institute of Urology and Nephrology, University Clinical Center, Beograd, Yugoslavia

GRAFTED KIDNEY MASS AND LONG-TERM FUNCTION

ALCALDE G

Carazo M E Cotorruelo J G Zubimendi J A Torrijos J

Escallada R

Ruiz J C de Francisco A L M

Arias M

Nephrology Service, Hospital U. Valdecilla, Santander, Spain

RENAL TRANSPLANTATION IN PATIENTS AFTER CORONARY ARTERY **BYPASS-GRAFTING (CABG)**

IVENS K

Heering P

Motz W

Schulte H

Grabensee B Dept. of Nephrology, Cardiology and Thoracic Surgery, Heinrich-Heine-Universität, Düsseldorf, Germany

THREE YEARS FOLLOW UP OF HEPATITIS C POSITIVE KIDNEYS INTO **HEPATITIS C NEGATIVE RECIPIENTS**

MENDEZ R

Aswad S

Obispo E

Mendez R G

National Institute of Transplantation, Los Angeles,

California, USA

STATE OF THE ART LECTURE: IMPACT OF HEPATITIS C ON RENAL TRANSPLANTATION J.M. MORALES, SPAIN

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER	POSTER
							AREA 1	AREA 2
FREE COMMUNI CATION	FREE COMMUNI CATION	FREE COMMUNI CATION	FREE COMMUNI CATION	FREE COMMUNI CATION	FREE COMMUNI CATION	EDUCA TIONAL COURSE	POSTER SESSION 5	POSTER SESSION 6
13	14	15	16	17	18	3		

11.00 - 12.30

HALL LM

FREE COMMUNICATIONS 17 PATHOPHYSIOLOGY OF IG A NEPHROPATHY CHAIRMEN: G. D'AMICO, Italy - M. WEBER, Germany

INTEGRIN EXPRESSION ON MESANGIAL CELLS: MODULATORY ROLE OF IGA, ABNORMALLY GLYCOSYLATED IGA AND IGA/IGG AND IGA/LECTIN **AGGREGATES**

PERUZZI L

Amore A

Cirina P

Gianoglio B

Porcellini M G Trusolino L

Marchisio P C Coppo R

Nephrology and Dialysis, Regina Margherita Hosp and Biom Science and Human Oncology, Univ of Torino, Italy

Cirina P

INHIBITION OF EXPERIMENTAL IGA NEPHROPATHY BY COLCHICINE

AMORE A Sena L M

Gianoglio B Peruzzi L

Coppo R

Stein H

Nephrol Dialysis, Regina Margherita Hosp Experimental Med and Oncology Dept, General Pathol Sect, Univ of Turin, Italy

EXPRESSION OF COLONY STIMULATING FACTORS IN HUMAN IGA-**GLOMERULONEPHRITIS (IGA-GN)**

Ritz E

Waldherr R

Depts. of Pathology and Nephrology, University of Heidelberg, Germany

BREAST FEEDING (BF) AND IGA NEPHROPATHY (IGAN)

PECORARO C Pisacane A Graziano L Russo T S

La Manna A

Manese M Capacchione A Carbonaro L

Dept of Pediatrics, Univ. "Federico II", Naples, Italy

ALTERED GLYCOSYLATION OF SERUM IGA IN PATIENTS WITH IGA **NEPHROPATHY**

COPPO R

Cirina P Gianoglio B Brusa P

Cattel L

Amore A Nephrology and Dialysis, Regina Margherita Hosp, Chimica Farmaceutica Applicata Institute, Univ of Torino, Italy

A NEW SUBGROUP OF IGA NEPHRITIS WITH THIN GLOMERULAR **BASEMENT MEMBRANE (T-GBM IGA N)**

BERTHOUX F Laurent B

Kohler J M

Nicolas J

Alamartine E Anselme I Berthoux P

NDT Dept, University Hospital, Saint-Etienne, France

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER AREA 1	POSTER AREA 2
FREE COMMUNI CATION	FREE COMMUNI CATION	FREE COMMUNI CATION	FREE COMMUNI CATION	FREE COMMUNI CATION	FREE COMMUNI CATION	EDUCA TIONAL COURSE 3	POSTER SESSION 5	POSTER SESSION 6

11.00 - 12.30

HALL NO

FREE COMMUNICATIONS 18 RENAL EFFECTS OF GROWTH FACTORS CHAIRMEN: J. FLÖGE, Germany - F. SCHENA, Italy

REGIONAL EXPRESSION OF HEPATOCYTE GROWTH FACTOR/C-MET IN **EXPERIMENTAL RENAL HYPERTROPHY AND HYPERPLASIA**

JOANNIDIS M Spokes K

Cantley L G

Beth Israel Hospital and Harvard Medical School, Boston, MA

EFFECTS OF EPIDERMAL GROWTH FACTOR ON NA-K-ATPASE ALONG THE **RAT NEPHRON**

CARRANZA M L Feraille E

Rousselot M

Favre H

Division of Nephrology, Geneva, Switzerland

INTERLEUKIN 6 (IL-6) PRODUCTION BY RAT GLOMERULAR EPITHELIAL **CELLS (GECS) IN CULTURE**

OSAWA H Sasaki T

Yamabe H Kaizuka M

Inuma H Tamura N Mivata M Tunoda S

Fuiita Y

Kudo K

Onodera K

Second Department of Internal Medicine, Hirosaki University School of Medicine, Hirosaki, Japan

THE ROLE OF TRANSFORMING GROWTH FACTOR \$1 (TGF-\$1) ON THE PROTEINASE ACTIVITIES IN CULTURED PROXIMAL TUBULE CELLS (LLC-PK1)

LING H

Vamvakas S

Oldakowska-Jedynak U

Schaefer R M Heidland A

Division of Nephrology, University of Wuerzburg, Germany

AMINOGUANIDINE INHIBITS THE DIRECT RENAL EFFECTS OF **INSULIN-LIKE GROWTH FACTOR-1 (IGF-I)**

MCKILLOP I

Haylor J

El Nahas A M

Schaefer L

Sheffield Kidney Institute, Sheffield, UK

EFFECT OF ACE-INHIBITION ON EPIDERMAL GROWTH FACTOR (EGF) IN **GLOMERULOSCLEROSIS (GS)**

Walker A M

THOMSON N M

Dept. Medicine, Alfred Hospital, Melbourne, 3181, Australia

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER AREA 1	POSTER AREA 2
FREE COMMUNI CATION	FREE COMMUNI CATION	FREE COMMUNI CATION	FREE COMMUNI CATION	FREE COMMUNI CATION	FREE COMMUNI CATION	EDUCA TIONAL COURSE	POSTER SESSION	POSTER SESSION
13	14	15	16	17	18	3	Þ	0

11.00 - 12.30 HALL F2

EDUCATIONAL COURSE

ACUTE RENAL FAILURE

A. DAVISON, LEEDS, UK together with C. RONCO, Italy and D. THOMSON, UK

11.00 - 12.30	POSTER AREA 1

POSTERVISIT 5

HEREDITARY AND DIABETIC NEPHROPATHIES

CHAIRMEN: C.E. MOGENSEN, Denmark - Y. PIRSON, Belgium

POSTERS SELECTED TO BE VISITED: SEE PAGE 71

11.00 -12.30	POSTER AREA 2
11.00 - 12.30	FOULLI ALLA

POSTERVISIT 6

HAEMODIALYSIS: NUTRITION AND ADEQUACY

CHAIRMEN: J. BERGSTRÖM, Sweden - S. SHALDON, France

POSTERS SELECTED TO BE VISITED: SEE PAGE 73

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER AREA 1	POSTER AREA 2
SYMPOSION DIABETES & HYPERTENS ION		SYMPOSION GLOMERUL AR DISEASES						

14.00 - 15.30

HALL A

SYMPOSION

DIABETES AND HYPERTENSION

CHAIR: C. GRÖNHAGEN-RISKA, Helsinki, Finland

INTRODUCTORY REMARKS

C. Grönhagen-Riska, Helsinki, Finland

THE EPIDEMIOLOGY OF HYPERTENSION IN DIABETES **BoFeldt-Rasmussen,** Copenhagen, Denmark

HYPERTENSION AND DIABETIC NEPHROPATHY: CAUSE OR CONSEQUENCE?

G.C. Viberti, London, UK

TREATMENT OF HYPERTENSION IN DIABETIC NEPHROPATHY: WHEN AND HOW?

C.E. Mogensen, Aarhus, Denmark

14.00 - 15.30

HALL B

SYMPOSION

NUTRITION AND SURVIVAL

CHAIR: A. HEIDLAND, Würzburg, Germany

INTRODUCTORY REMARKS

A. Heidland, Würzburg, Germany

NUTRITIONAL STATUS AS A RISK FACTOR FOR MORTALITY IN CHRONIC PERITONEAL DIALYSIS PATIENTS

J. Bergström, Stockholm, Sweden

THE EFFECT OF NUTRITION AL STATUS ON SURVIVAL IN HEMODIALYSIS PATIENTS

W. Hörl, Vienna, Austria

STRATEGIES FOR IMPROVING THE PROTEIN-CALORIE NUTRITIONAL STATUS OF MAINTENANCE DIALYSIS PATIENTS J.D. Kopple, Torrance, USA

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER AREA 1	POSTER AREA 2
SYMPOSION	SYMPOSION	SYMPOSION GLOMERUL. DISEASE						9 *

14.00 - 15.30	HALL	C

SYMPOSION

NEW APPROACHES TO UNDERSTANDING GLOMERULAR DISEASES

CHAIRS: V. CATTELL, London, UK - N. MALLICK, Manchester, UK

HOW DO NEWER HISTOPATHOLOGICAL TECHNIQUES ENHANCE INFORMATION FOR THE CLINICIAN

IN VIVO GENE TRANSFER INTO THE MAMALIAN KIDNEY: TOOLS FOR UNDERSTANDING PATHOGENESIS L. FINE, LONDON, UK

EXPRESSION OF CELLULAR ADHESION MOLECULES IN GLOMERULAR DISEASE L.A BRUIJN, LEIDEN, NETHERLANDS

PCR ANALYSIS OF GLOMERULOSCLEROSIS IN HUMAN BIOPSIES STRIKER LILIANE, BETHESDA, USA

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER AREA 1	POSTER AREA 2
FREE COMMUNI CATIONS 19	FREE COMMUNI CATIONS 20	FREE COMMUNI CATIONS 21	FREE COMMUNI CATIONS 22	FREE COMMUNI CATIONS 23	FREE COMMUNI CATIONS 24	EDUCA TIONAL COURSE 4	POSTER SESSION 7	POSTER SESSION 8

16.00 - 17.30 HALL A

FREE COMMUNICATIONS 19
CARDIOVASCULAR EFFECTS OF URAEMIA
CHAIRMEN: P. KÖNIG, Austria - A.E.G. RAINE, UK

STATE OF THE ART LECTURE THE HEART IN UREMIA G. LONDON, Paris, France

LEFT VENTRICULAR HYPERTROPHY IN EARLY RENAL FAILURE IS RELATED TO BOTH HYPERTENSION AND HYPERPARATHYROIDISM

THURAISINGHAM R C Tucker B

Lipkin G

Raine A E G

Dept of Nephrology, St Bartholomews Hospital, London, UK

THE ROLE OF PARATHYROIDHORMONE (PTH) IN THE GENESIS OF VASCULAR HYPERTROPHY IN UREMIA

AMANN K

Flechtenmacher C

Klaus G

Schnabel P A

Giles M

Ritz E Mall G

Depts. of Pathology, Heidelberg and Darmstadt, Dept. of Internal Medicine, Univ. Heidelberg, Germany

APOLIPOPROTEIN (A) PHENOTYPES PREDICT THE RISK FOR CAROTID ATHEROSCLEROSIS IN PATIENTS WITH END-STAGE RENAL DISEASE

KRONENBERG F Sturm W Kathrein H Lhotta K Konig P Grochenig E Neyer U Utermann G

Dieplinger H

Inst. Med. Biology a. Human Genetics and Depart. of ClinicalNephrology, Innsbruck; Clinic of Int. Med., Feldkirch, Austria

THE EFFECT OF RAMIPRIL AND MOXONIDIN ON INTERSTITIAL MYOCARDIAL FIBROSIS AND INTRAMYOCARDIAL CAPILLARISATION IN CHRONIC RENAL FAILURE

TÖRNIG J

Amann K

Nichols C

Zeier M

Mall G

Ritz E

Depts. of Pathology, Heidelberg and Darmstadt, Dept. of Internal Medicine, Univ. Heidelberg, Germany

Schwarz U

IALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER	POSTER AREA 2
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16.00 - 17.30 ______ HALL B

FREE COMMUNICATIONS 20
PERITONEAL DIALYSIS :CLINICAL ASPECTS

CHAIRMEN: A. DONKER, Netherlands - R. MAIORCA, Italy

TNF SOLUBLE RECEPTORS (TNF P55 AND P75) AND IL-1 RECEPTOR ANTAGONIST (IL-1RA) IN PERITONEAL DIALYSIS EFFLUENT

McGREGOR S J Topley N Jorres A Trouten J Scholz P Junor B J R Brock J H Gahl G M

University Dept of Immunology and Renal Unit, Western Infirmary, Glasgow; Institute of Nephrology,

KRUF, Cardiff, UK; Dept of Nephrology, Berlin, Germany

THE EXPRESSION OF LEUCAM ADHESION PROTEINS ON THE PERIPHERAL BLOOD LEUCOCYTES FROM PATIENTS WITH CHRONIC RENAL FAILURE MAINTAINED ON CAPD

LANG U

Lewis R J Ogg (

Ogg C S Cameron J S

3rd Medical Dept., Wilhelminenspital, Vienna, Austria; Dept.of Renal Medicine, Guy's Hospital, London;

Dept. of Immunology, St. Thomas' Campus, London, G.B.

CLINICAL EXPERIENCE WITH THE STANDARD PERITONEAL PERMEABILITY ANALYSIS (SPA)

KREDIET R T Imholz A L T de Waart D R Langedijk M J

Schouten N Pannekeet M M Struijk D G

Academic Medical Center, Amsterdam, The Netherlands

CO-MORBIDITY IS A MORE IMPORTANT DETERMINANT OF PATIENT OUTCOME AND PROTEIN INTAKE THAN KT/V IN CAPD PATIENTS IN THE SHORT TERM

DAVIES S J Bryan J Froom L Russell G I

Renal Unit, North Staffordshire Hospital, Stoke-on-Trent, United Kingdom

STATE OF THE ART LECTURE: CAPD UPDATE R. GOKAL, MANCHESTER, UK

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER	POSTER
					J ^{ét}	AW	AREA 1	AREA 2
FREE	FREE	FREE	FREE	FREE	FREE \	EDUCA	POSTER	POSTER
COMMUNI	COMMUNI	COMMUNI	COMMUNI	COMMUNI	COMMUNI	TIONAL	SESSION	SESSION
CATIONS	CATIONS	CATIONS	CATIONS	CATIONS	CATIONS	COURSE	14	15
19	20	21	22	23	24	-1		1
						1	1	

16.00 - 17.30

HALL C

FREE COMMUNICATIONS 21 SURVIVAL ON RENAL REPLACEMENT THERAPY CHAIRMEN: C. JACOBS, France - M. PAPADIMITRIOU, Greece

SURVIVAL ON DIALYSIS AND AFTER RENAL TRANSPLANTATION: RESULTS STRICTLY DEPEND UPON STATISTICAL APPROACH

PICCOLI G B

Salomone M

Pacitti A Triolo G Tognarelli G Piccoli G

Bajardi P Segoloni G P Funaro L Vercellone A

Nephro-Urology Institute of Turin University, Piedmont Dialysis Centers, Italy

SURVIVAL ON RENAL REPLACEMENT THERAPY (RRT)-IS IT BIASED BY **EARLY MORTALITY?**

KHAN I H

Campbell M

Cantarovich D Catto G R D

vanHamersvelt H Henderson I S Koene R A B Edward N Papadimitriou M Tsakiris D Ritz E

MacLeod A M Department of Medicine and Therapeutics, Polwarth Building, Forester Hill, Aberdeen, Scotland

EVOLUTION ON HEMODIALYSIS (HD) OF MULTIPLE MYELOMA (MM) PATIENTS: RESULTS IN 20 PATIENTS

TORRA R

Cases A

Blade J

Lopez Pedret J

Revert L

Service of Nephrology and Hematology, Hospital Clinic i Provincial, Barcelona, Catalonia, Spain

PROGNOSIS OF DIABETIC PATIENTS ON DIALYSIS: ANALYSIS OF **LOMBARDY REGISTRY**

Spotti D Limido A CONTE F

Marcelli D Locatelli F

Malberti F Registro Lombardo Dialisi e Trapianto, Milano, Italy

COMPARISON BETWEEN THE SURVIVAL OF DIABETIC AND NONDIABETIC PATIENTS TREATED BY RENAL REPLACEMENT THERAPY (RRT) IN ITALY

CATALANO C Marino C

Postorino M lacopino P

Lonati F

ANED (Ass It Emodializzati), Centro di Fisiologia Clinica del CNR e Centro Trapianti Midollo Osseo,

Reggio Calabria, Italy

ACUTE ALUMINUM INTOXICATION IN HEMODIALYSIS (HD) - SURVIVAL **ANALYSIS**

Barata J D

D'Haese P C

Bruges M

SIMOES J Goncalves M Machado D

Pires C

De Broe M E Depts Nephrology, Sta Cruz and Evora Hospital, Portugal and University of Antwerp, Belgium

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER	POSTER
							AREA 1	AREA 2
FREE	FREE	FREE	FREE	FREE	FREE	EDUCA	POSTER	POSTER
COMMUNI	COMMUNI	COMMUNI	COMMUNI	COMMUNI	COMMUNI	TIONAL	SESSION	SESSION
CATIONS	CATIONS	CATIONS	CATIONS	CATIONS	CATIONS	COURSE		
19	20	21	22	23	24	4	7	8

16.00 - 17.30

HALL F1

FREE COMMUNICATIONS 22 PATHOPHYSIOLOGY OF DIABETIC NEPHROPATHY CHAIRMEN: D. CORDONNIER, France - G. SCHERNTHANER, Austria

ENHANCED URINARY METALLOPROTEINASE ACTIVITY IN STREPTOZOTOCIN DIABETIC RATS - EFFECTS OF INSULIN AND LOW PROTEIN DIET

OLDAKOWSKA-JEDYNAK U

Schaefer L

Schaefer R M Ling H

Heidland A

Dept. of Nephrology, University of Wuerzburg, Germany

THE URINARY EXCRETION OF EPIDERMAL GROWTH FACTOR (EGF) IN INSULIN-DEPENDENT DIABETES MELLITUS (IDDM)

CATALANO C Jorgensen P

Nexo E

Torffvit O

Centro di Fisiologia Ĉlinica del CNR, Reggio Calabria, Italy; Department of Clinical Chemistry, KH University Hospital in Aarhus, Denmark; Department of Internal Medicine, Lund, Sweden

RELATION BETWEEN STRUCTURE, FUNCTION AND METABOLIC CONTROL IN ADOLESCENTS WITH INSULIN-DEPENDENT DIABETES MELLITUS (IDDM)

BERG U

Jaremko G

Torbjornsdotter T

Thalme B

Depts Pediatrics and Pathology, Huddinge Hospital, Sweden

HISTOLOGICAL RENAL CHANGES IN PATIENTS WITH INSULIN-DEPENDENT DIABETES MELLITUS, NORMOALBUMINURIA AND NORMAL RENAL FUNCTION

MAURI J M

Valles M

Ricart W

Bronsoms J

MALIBULIM

Fernandez-Real J M M

Mate G

Matas M

Bernado L

Hospital "Dr Josep Trueta", Girona, Spain

AUTOIMMUNITY AND DIABETIC NEPHROPATHY (DN) ?

YAQOOB M

Kumar K A S

Pai P Bell G M McClelland P

Stevenson A Mason H Bell C

Royal Liverpool Hospital, Liverpool and HSE, Sheffield, U.K.

ALBUMINURIA AND RENAL HEMODYNAMICS IN NEWLY DIAGNOSED TYPE II DIABETES MELLITUS (DMII) - IS THERE EVIDENCE OF GENETIC DETERMINATION?

KELLER C K

Bergis K H

Ritz E

Dept. Int. Med., Heidelberg and FIDAM, Diabetes Research Academy, Mergentheim, FRG

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER AREA 1	POSTER AREA 2
FREE COMMUNI CATIONS 19	FREE COMMUNI CATIONS 20	FREE COMMUNI CATIONS 21	FREE COMMUNI CATIONS 22	FREE COMMUNI CATIONS 23	FREE COMMUNI CATIONS 24	EDUCA TIONAL COURSE 4	POSTER SESSION 7	POSTER SESSION 8

16.00 - 17.30 HALL LM

FREE COMMUNICATIONS 23 **MEDIATORS OF GLOMERULAR INJURY** CHAIRMEN: J. EGIDO, Spain - R. SCHÄFER, Germany

ICAM-1 AND VCAM-1 EXPRESSION BY CULTURED HUMAN MESANGIAL CELLS (HMC)

GARNER C

Adu D

Richards G M Richards N T

Michael J

Queen Elizabeth Medical Centre, Birmingham, UK

CD44 IS EXPRESSED BY CULTURED GLOMERULAR CELLS

MOUTABARRIK A

Nakanishi I

Zaid D

Department of Nephrology, Faculte de Medecine de Casablanca, Morocco; Department of Nephrology, Osaka Prefectural Hospital; Department of Urology, Osaka University Hospital, Japan

1.25-DIHYDROXYCHOLECALCIFEROL (1.25-D3) MODULATES EXPRESSION OF INTERCELLULAR ADHESION MOLECULE-1 BY RENAL AND NON-RENAL **EPITHELIAL CELLS**

KREFT B

Brzoska S

Fricke L

Department of Internal Medicine, Medical University of Lubeck, 23538 Lubeck, Germany

CYTOKINES AND THROMBIN REGULATE MCP-1 GENE EXPRESSION IN **BOVINE GLOMERULAR ENDOTHELIAL CELLS**

ABBOUD H Fouqueray B The Univ. of Texas Health Sci., Ctr at San Antonio, San Antonio, USA

Grandaliano G Valente T

ACE INHIBITION DECREASES THE ENDOTHELIN-INDUCED FIBRONECTIN SYNTHESIS IN CULTURED MESANGIAL CELLS

GOMEZ-GARRE D

Ruiz-Ortega M Ortego M

Largo R

Gonzalez E Egido J

Fundacion Jimenez Diaz, Universidad Autonoma, Madrid, Spain

NEUTROPHIL ACTIVATION IN ANCA ASSOCIATED VASCULITIS: ELEVATED LEVELS OF COMPLEXED ELASTASE IN VIVO

HAUBITZ M Koch K M

Brunkhorst R Schulzeck P

Depart. of Nephrology, Depart. of Clinical Chemistry, Hannover, Germany

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER AREA 1	POSTER AREA 2
FREE COMMUNI CATIONS 19	FREE COMMUNI CATIONS 20	FREE COMMUNI CATIONS 21	FREE COMMUNI CATIONS 22	FREE COMMUNI CATIONS 23	FREE COMMUNI CATIONS 24	EDUCA TIONAL COURSE 4	POSTER SESSION 7	POSTER SESSION 8

16.00 - 17.30 HALL NO

FREE COMMUNICATIONS 24 RENIN AND NO SYSTEMS REGULATION

CHAIRMEN: Th. LÜSCHER, Switzerland - L. ROSIVALL, Hungary

* REGULATION OF RENIN, ANGIOTENSINOGEN, AND AT1 RECEPTOR MRNA LEVELS IN RAT TISSUES

SECHI L A Griffin C A De Carli S Schambelan M

Bartoli E

SYNTHASE

Hypertension Unit, University of Udine and Division of Endocrinology, University of California, San Francisco

ROLE OF PROSTAGLANDINS IN RENAL RENIN SECRETION AND RENAL RENIN GENE EXPRESSION IN THE 2K-1C MODEL OF HYPERTENSION

KRAMER B K Schricker K Gopfert T Hamann M

Riegger G A J Kurtz A

Klinik und Poliklinik fur Innere Medizin II, PhysiologischesInstitut I, University of Regensburg, Regensburg, Germany

TISSUE-SECIFIC GENE EXPRESSION OF HUMAN NITRIC OXIDE

GEHLEN F Wagner J Drab M Ritz E

Dept of Nephrology, University of Heidelberg and Max Delbruck Center for Molecular Medicine, Berlin, Germany

INDUCTION OF NITRIC OXIDE SYNTHASE BY TNF IN HUMAN GLOMERULAR EPITHELIAL CELLS

WILKES M Pall A Garner C Wellington M

Richards N Adu D Hutton P

Departments of Nephrology and Anaesthetics and Intensive Care, Queen Elizabeth Hospital, Birmingham, England

AGONIST INDUCED NITRIC OXIDE PRODUCTION IS NOT IMPAIRED IN URAEMIC RESISTANCE VESSELS

THURAISINGHAM R C Raine A E G

Department of Nephrology, St Bartholomews Hospital, London, UK

REGULATION OF GLOMERULAR (GLOM) AND MACROPHAGES (MAC) NITRIC OXIDE (NO) SYNTHESIS DURING CHRONIC ENDOTOXEMIA (LPS)

DEL CASTILLO D Guerra J Jaimes E Agarwal A

Raij L

Dept. of Medicine, VAMC and U. of MN, Minneapolis, MN, USA

^{*)} highest ranked abstract - will be awarded during the session

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER AREA 1	POSTER AREA 2
FREE COMMUNI CATIONS 19	FREE COMMUNI CATIONS 20	FREE COMMUNI CATIONS 21	FREE COMMUNI CATIONS 22	FREE COMMUNI CATIONS 23	FREE COMMUNI CATIONS 24	EDUCA TIONAL COURSE 4	POSTER SESSION 7	POSTER SESSION 8

16.00 - 17.30 _____ HALL F2 **EDUCATIONAL COURSE 4** EARLY TRANSPLANT DYSFUNCTION AFTER RENAL TRANSPLANTATION F. BERTHOUX, FRANCE together with D. BRIGGS, UK GENERAL ASSEMBLY 17.45-19.00 (HALL A) 16.00 - 17.30 POSTER AREA 1 POSTERVISIT 7 CHRONIC RENAL FAILURE: PROGRESSION AND SYSTEMIC EFFECTS CHAIRMEN: W. HÖRL, Austria - A.M. EL NAHAS, UK POSTERS SELECTED TO BE VISITED: SEE PAGE 76 GENERAL ASSEMBLY 17.45-19.00 (HALL A) 16.00-17.30 ______ POSTER AREA 2

POSTERVISIT 8

HAEMODIALYSIS: HEPATITIS C

CHAIRMEN: M. JADOUL, Belgium - M. KOCH, Germany

POSTERS SELECTED TO BE VISITED: SEE PAGE 79

GENERAL ASSEMBLY 17.45-19.00 (HALL A)

- ERA-EDTA SCIENTIFIC PROGRAMME - DAY AT A GLANCE - WEDNESDAY JULY 6 1994

	HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER AREA
08.30	LECTURE: L-ARGININE/NO						EDUCA TIONAL	
	T.LÜSCHER	SYMPOSION	SYMPOSION				COURSE	
09.00	SYMPOSION	ORGAN	CAPD: ULTRA					
	KIDNEY AND	DONATION CHAIR:	FILTRATION VOLUME				ELYTE AND ACID	is a
	HYPERTENSION CHAIR:	G.TUFVESON	CHAIR:				BASE DISORDERS	
10.30	G.BIANCHI		R.KREDIET				VERBERCKMOES	
			-					
11.00	FREE	FREE	FREE	FREE	FREE	FREE	EDUCA	POSTER
	COMMUNI	COMMUNI	COMMUNI	COMMUNI	COMMUNI	COMMUNI	TIONAL	VISIT 9
	CATIONS 25	CATIONS 26	CATIONS 27	CATIONS 28	CATIONS 29	CATIONS 30	COURSE	VISI 1 9
							SLE	DOOTED
			LECTURE:	LECTURE:			Ph.DRUET	POSTER
12.30			P.ZUCCHELLI	Ph. JAEGER			rii.bitoLi	VISIT 10

14.00	SYMPOSION	SYMPOSION	SYMPOSION
	PREVENTION OF PROGRESSION	DIAL YSIS	RENAL DATA REGISTRIES CHAIR:
	CHAIR:	J.BOTELLA	F.
15.30	P.WEIDMANN	H.K.STUMMVOLL	VALDERRABANO

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER AREA 1	POSTER AREA 2
GUEST LECTURE: NO SYMPOSION KIDNEY AND HYPER TENSION	SYMPOSION ORGAN DONATION	SYMPOSION ULTRAFILT RATION IN CAPD				EDUCATIO NAL COURSE		

08.30 - 9.00	HALL A	١

GUEST LECTURE

CHAIR: V. CATTEL, UK - V. ANDREUCCI, Italy

THOMAS LÜSCHER, BERN, SWITZERLAND

THE L-ARGININE / NITRIC OXIDE PATHWAY IN THE BLOOD VESSEL WALL

00 00 - 10 30	HALL A

SYMPOSION KIDNEY AND HYPERTENSION CHAIR: G. BIANCHI, Milan, Italy

INTRODUCTION G. Bianchi, Milan, Italy

KIDNEY TRANSPLANTATION AS ATOOL FOR ASSESSING RENAL MECHANISM OF PRIMARY HYPERTENSION

R. Rettig, Heidelberg, Germany

NATURAL HISTORY OF THE RELATIONSHIP BETWEEN RENAL FUNCTION AND BLOOD PRESSURE IN PRIMARY HYPERTENSION

A. Mimran, Montpellier, France

GENETIC RENAL MECHANISM OF PRIMARY HYPERTENSION **D. Cusi** ,Milan,ltaly

REFRESHMENT BREAK

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER AREA 1	POSTER AREA 2
SYMPOSION KIDNEY HYPERTENS ION	SYMPOSION ORGAN DONATION	SYMPOSION ULTRAFILT RATION IN CAPD				EDUCATION AL COURSE 5		

09.00- 10.30 ______ HALL B

SYMPOSION HOW CAN WE IMPROVE ORGAN DONATION?

CHAIRMAN: G. TUFVESON, Göteborg, Sweden

INTRODUCTION - THE SWEDISH DONOR CARD G. Tufveson, Göteborg, Sweden

HOSPITAL EDUCATIONAL PROGRAMME IN NORWAY: STRATEGIES AND RESULTS

I. Brekke, Oslo, Norway

EDHEP-II: AIMS AND PROGRESS C. Wight, UK

THE NEW COORDINATOR PROGRAMME IN SPAIN:
AIMS, ORGANIZATION AND IMPACT ON ORGAN DONATION
M. Mangalich, Spain

ERRORS IN ORGAN DONATION: WHAT WE SHOULD **NOT** DO! **G. Persijn,** Leiden, Netherlands

09.00-10.30	h	HALL	C

SYMPOSION

ULTRAFILTRATION VOLUME REGULATION IN CAPD CHAIR: R.T. KREDIET, Amsterdam, Netherlands

EFFECTS OF OSMOLARITY, POSTURE AND INTRAPERITONEAL PRESSURE ON FLUID KINETICS DURING CAPD **A.L.T. Imholz**, Amsterdam, Netherlands

THE ADAPTATION OF OSMOTIC FORCES IN CAPD C. Mistry, Mid Glamorgam, UK

CAUSES OF ULTRAFILTRATION FAILURE AND OPTIONS FOR TREATEMENT R.A. Mactier, Glasgow, UK

THE ROLE OF SODIUM IN TRANSCAPILLARY ULTRAFILTRATION R.T. Krediet, Amsterdam, Netherlands

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER AREA 1	POSTER AREA 2
SYMPOSION KIDNEY HYPERTENS ION	SYMPOSION ORGAN DONATION	SYMPOSION ULTRAFILT RATION IN CAPD				EDUCATION AL COURSE 5		

09.00 - 10.30	HALL F2

EDUCATIONAL COURSE 5

ELECTROLYTE AND ACID BASE DISTURBANCIES

R. VERBERCKMOES, LEUVEN, BELGIUM

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER AREA 1	POSTER AREA 2
FREE COMMUNI CATION 25	FREE COMMUNI CATION 26	FREE COMMUNI CATION 27	FREE COMMUNI CATION 28	FREE COMMUNI CATION 29	FREE COMMUNI CATION 30	EDUCA TIONAL COURSE	POSTER SESSION 9	POSTER SESSION 10

11.00 - 12.30

HALL A

FREE COMMUNICATIONS 25 HEPATITIS C IN HAEMODIALYSIS

CHAIRMEN: J.P. AMORIM, Portugal - D. BRANCACCIO, Italy

HEPATITIS C VIRUS CORE SEROTYPES IN HEMODIALYSIS PATIENTS

PIAZZA V Cividini A Cerino A Salvadeo A Silini E Bono F Mondelli M U

Divisione di Nefrologia e Dialisi, Fondazione Clinica del Lavoro, Istituto di Malattie Infettive and Dipartimento di Patologia Umana ed Ereditaria, University of Pavia, Italy

DETECTION OF HCV-RNA IN HEMODIALYSIS PATIENTS IN RELATION-SHIP TO ANTI-HCV STATUS BY THIRD GENERATION TEST

Bouchardeau F CHAUVEAU P Bonete R

Lemarrec N

Poignet J L

Zins B Courouce A M

INTS Cabanel, E. Rist Medical Center, Paris, France

QUANTITATIVE ANALYSIS OF HCV DURING DIALYSIS TREATMENT

ADORATI M

Botta G A

Pipan C Mioni G

Department of Nephrology, Udine General Hospital, Institute of Microbiology, University Hospital, Udine, Italy

IS HEPATITIS C VIRUS (HCV) RNA DETECTION BY PCR CLINICALLY RELEVANT IN HEMODIALYSIS PATIENTS (PTS)?

Roubichek C

Cantaloube J F Giagini P

Chicheportiche C Berland Y Service de Nephrologie, Hopital Sainte-Marguerite; Centre de Transfusion Sanguine, Marseille, France

LIVER BIOPSY IS ESSENTIAL IN ANTI-HCV+ HEMODIALYSIS PATIENTS IRRESPECTIVE OF THE BIOCHEMICAL AND SEROLOGICAL FINDINGS

BOLETIS J Katsoulidou A Delladetsima J K Psimenou E

Vafiadi I

Stathakis C Kostakis A

Hatzakis A

Div. of Nephrology, Transplantation and Pathology, "Laiko" Gen. Hospital, Athens Univ. Medical School,

Athens, Greece

PHARMACOKINETICS OF INTERFERON ALFA-2B IN HEMODIALYSIS

BUISSON C Sari R

Degos F Simon N Daniel F

Dupuy C A

Zingraff J

Lemonnier C Lebon P

C.H. Pasteur Vallery-Radot, Hôp. St-Vincent-de-Paul, Hôp. Beaujon, Schering-Plough France,

Paris, Levallois, France

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER AREA 1	POSTER AREA 2
FREE COMMUNI CATION 25	FREE COMMUNI CATION 26	FREE COMMUNI CATION 27	FREE COMMUNI CATION 28	FREE COMMUNI CATION 29	FREE COMMUNI CATION 30	EDUCA TIONAL COURSE	POSTER SESSION 9	POSTER SESSION 10

11.00 - 12.30 HALL B

FREE COMMUNICATIONS 26
PERITONEAL DEFENCE AND FIBROSIS: EXPERIMENTAL
CHAIRMEN: R. KREDIET, Netherlands - R. KRAMAR. Austria

CONTROL OF POLYMORPHONUCLEAR LEUKOCYTE (PMN) MIGRATION ACROSS HUMAN PERITONEAL MESOTHELIAL CELL (HPMC) MONOLAYERS

DAVENPORT A Topley N Williams J D

Institute of Nephrology, University of Wales College of Medicine, Cardiff, UK

IMPROVED HUMAN PERITONEAL MESOTHELIAL CELL (HPMC) VIABILITY AND IL-6 SYNTHESIS IN BICARBONATE BUFFERED PERITONEAL DIALYSIS FLUIDS (PDF)

TOPLEY N Kaur D Petersen M M Jorres A

Passlick-Deetjen J Coles G A Williams J D

Nephrology, Royal Infirmary, Cardiff, UK; Nephrology, Universitatklinikum Rudolf Virchow,

Berlin, Germany; Fresenius AG, Bad Homburg, Germany

HUMAN PERITONEAL FIBROBLASTS SYNTHESIZE THE CHEMOTACTIC PEPTIDE INTERLEUKIN-8

JORRES A Ludat K Topley N Lang J Sander K Williams J D Gahl G M Frei U

Nephrology, UKRV Charlottenburg, Berlin, Germany and UWCM, Royal Infirmary, Cardiff, U.K.

FIBRIN TURNOVER IN THE PERITONEAL CAVITY OF CAPD-PATIENTS : THE ROLE OF MESOTHELIAL CELLS

SITTER T Spannagl M Schiffl H Held E

Medizinische Klinik Innenstadt, Ludwig-Maximilians-Universitat Munchen, Munich, Germany

CHARACTERIZATION OF EXTRACELLULAR MATRIX PRODUCED BY PERITONEAL MESOTHELIAL CELLS "IN VITRO"

DEGL'INNOCENTI M L Altieri P Ghiggeri G M Perfumo F

Gusmano R Brancaccio D

Dept. of Nephrology, G. Gaslini Institute, Genoa, Italy

* DEVELOPMENT OF A MESOTHELIAL CELL-BASED PERITONEAL GENE THERAPY METHOD

Jackman R W SHOCKLEY T R Nagy J A Henderson L

Departments of Pathology, Beth Israel Hospital and Harvard Medical School, Boston MA,

USA and Baxter Healthcare Corporation, McGaw Park, IL, USA

^{*)} highest ranked abstract - will be awarded during the session

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER AREA 1	POSTER AREA 2
FREE COMMUNI CATION 25	FREE COMMUNI CATION 26	FREE COMMUNI CATION 27	FREE COMMUNI CATION 28	FREE COMMUNI CATION 29	FREE COMMUNI CATION 30	EDUCA TIONAL COURSE	POSTER SESSION 9	POSTER SESSION 10

11.00 - 12.30

HALL C

FREE COMMUNICATIONS 27 ESSENTIAL HYPERTENSION

CHAIRMEN: A. BERBARI, Libanon - J. RODICIO, Spain

STATE OF THE ART LECTURE: THE KIDNEY AS A VICTIM OF HYPERTENSION P. ZUCHELLI, BOLOGNA, ITALY

ALPHA2- AND BETA2-ADRENOCEPTOR CHANGES IN ESSENTIAL HYPERTENSIVE PATIENTS (EHP)

CASES A

Calls J

Bono M

Gaya J

Rivera F

Revert L

Hospital Clinic Barcelona, Catalonia, Spain

IMPAIRED RENAL EXCRETION OF HIGH SODIUM LOAD IN PATIENTS WITH SODIUM SENSITIVE (SS) HYPERTENSION (HT) IS ASSOCIATED WITH BLUNTED ANF SECRETION

Celibala R

CZEKALSKI S Widecka K

Gozdzik J

University School of Medicine, Szczecin, Poland

HYPERFILTRATION AND SALT INTAKE IN MILD TO MODERATE ESSENTIAL HYPERTENSION

MALLAMACI F Leonardis D Zoccali C

Divisione di Nefrologia e CNR Centro di Fisiologia Clinica, Reggio Calabria, Italy

MICROALBUMINURIA (UA) AND RENAL HEMODYNAMICS IN SALT-SENSITIVE (SS) HYPERTENSIVE PATIENTS (HP)

BIGAZZI R

Bianchi S

Baldari G

Campese V M

U.O. Nephrology, Livorno, Italy; Div. Nephrol., Univ., Southern Calif, Los Angeles

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER AREA 1	POSTER AREA 2
FREE COMMUNI CATION 25	FREE COMMUNI CATION 26	FREE COMMUNI CATION 27	FREE COMMUNI CATION 28	FREE COMMUNI CATION 29	FREE COMMUNI CATION 30	EDUCA TIONAL COURSE	POSTER SESSION 9	POSTER SESSION 10

11.00 - 12.30 HALL F1

FREE COMMUNICATIONS 28 PATHOPHYSIOLOGY OF CALCIUM NEPHROLITHIASIS

CHAIRMEN: Y. BERLAND, France - W. SCHULZ, Germany

URINARY SODIUM TO POTASSIUM RATIO AND URINARY STONE **DISEASE: THE GUBBIO POPULATION STUDY**

CIRILLO M Laurenzi M Stamler J De Santo N G

Nephrology, 2nd Univ. Naples, Italy - Center of Preventive Medicine, Gubbio, Italy - Dept. Preventive Medicine,

Lilova A

Northwestern Univ. Medical School, Chicago, USA

EVIDENCE THAT ALBUMIN (A) CAN INDUCE THE NUCLEATION OF CALCIUM OXALATE MONOHYDRATE (COM) CRYSTALS

Geider S DUSSOL B

Dupuy P

Berland Y Dagorn J C Verdier J M

Inserm U315; Service de Nephrologie, Hopital Sainte-Marguerite, Marseille, France

DEFECTIVE ACIDIFICATION CAPACITY IN STONE FORMERS PATIENTS (SF) WITH IDIOPATHIC HYPOCITRATURIA

Concepcion M T Zaera M A Lorenzo V

Hernandez D de Bonis E Rodriguez A P Rufino M

Gonzalez-Posada J M

Losada M TORRES A

Servicio de Nefrologia, Hospital Universitario Tenerife, Spain

ROLE OF MONOCYTE DISTURBED PRODUCTION OF CYTOKINES IN HYPERCALCIURIA AND BONE DEMINERALIZATION OF CALCIUM STONE FORMERS (CSF)

GHAZALI A

Bataille P

Fuentes V

Prin L

El Esper N Hue P Nephrology, Immunology, CHU Amiens, France

STATE OF THE ART LECTURE:

THE MECHANISMS OF SO-CALLED IDIOPATHIC RENAL STONE DISEASE: A UNIFYING CONCEPT

Ph. JAEGER, BERNE, SWITZERLAND

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER AREA 1	POSTER AREA 2
FREE COMMUNI CATION 25	FREE COMMUNI CATION 26	FREE COMMUNI CATION 27	FREE COMMUNI CATION 28	FREE COMMUNI CATION 29	FREE COMMUNI CATION 30	EDUCA TIONAL COURSE	POSTER SESSION 9	POSTER SESSION 10

11.00 - 12.30

HALL LM

FREE COMMUNICATIONS 29 CLINICAL NEPHROLOGY II

CHAIRMEN: BEN MAIZ, Lebanon - M. DE BROE, Belgium

ANTINEUTROPHIL CYTOPLASMIC ANTIBODIES (ANCA) POSITIVE SERA INHIBIT CANDIDACIDAL ACTIVITY OF GRANULOCYTES FROM HEALTHY **PERSONS**

Bartunkova J TESAR V Janatkova I

Rychlik I

Sulkova S

Dept Clin Immunol, Dept Med 1, Dialysis Center, 1st Medical School, Charles University, Prague, Czech Republic

RENAL TOXICITY AND METABOLIC EFFECT OF THE INTERLEUKIN-2, INTERFERON AND CISPLATIN ASSOCIATION

Nephrology and Oncology Depts, Pitie-Salpetriere Hospital, Paris, France

VLASSOPOULOS D

Deray G

Khavat D

Vuillemin E

Martinez F Jacobs C

NON DIABETIC RENAL DISEASE IN PATIENTS WITH DIABETES **MELLITUS (DM)**

BEN HMIDA M Hachicha J

Abid M

Bellassoued M

Jlidi R

Jarrava A

Department of Internal Medicine and Nephrology, H. Chaker Hospital, Sfax 3029, Tunisia

IMPACT OF LEGISLATION ON THE PREVALENCE OF ANALGESIC NEPHROPATHY: A COMPARATIVE STUDY: BELGIUM, FRANCE AND **SWEDEN**

NOELS L M

Elseviers M M De Broe M E

Department of Nephrology, University of Antwerp, Belgium

TREATMENT OF HYPERLIPIDAEMIA WITH SIMVASTATIN (SV) AND DIET. VS. DIET ALONE IN IDIOPATHIC MEMBRANOUS NEPHROPATHY (IMN)

RAYNER B L Byrne M

van Zyl-Smit R Cassidy M

Renal Unit, Cape Town, South Africa

A CONSTANT INFUSION CLEARANCE IS AN INAPPROPRIATE METHOD FOR **ACCURATE ASSESSMENT OF THE GFR**

VAN GULDENER C

Gans R O B

ter Wee P M

Free University Hospital, Amsterdam, The Netherlands

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER AREA 1	POSTER AREA 2
FREE COMMUNI CATION 25	FREE COMMUNI CATION 26	FREE COMMUNI CATION 27	FREE COMMUNI CATION 28	FREE COMMUNI CATION 29	FREE COMMUNI CATION 30	EDUCA TIONAL COURSE	POSTER SESSION 9	POSTER SESSION 10

11.00 - 12.30

HALL NO

FREE COMMUNICATIONS 30

AUTO IMMUN NEPHRITIDES: EXPERIMENTAL AND CLINICAL CHAIRMEN: D. KERJASCHKI, Austria - M. POLENAKOVIC, Fyrom

INDUCTION OF A SPECIFIC TOLERANCE TO MERCURY DISEASE IN BROWN-NORWAY (BN) RATS BY HGCL2 (HG) INJECTIONS AT BIRTH

FILLION J

Kuhn J

Druet P

Bellon B

INSERM U28, Paris, France

T CELLS FROM HG-INJECTED LEW RATS PROTECT (LEW X BN) F1 RATS FROM HG-INDUCED AUTOIMMUNITY (AI) BUT INDUCED IN THESE ANIMALS A MINIMAL GLOMERULAR CHANGE DISEASE (MGCD)

CASTEDO M

Rossert J

Pelletier L

Druet P

INSERM U28, Paris, France

THE ROLE OF SEX-HORMONES IN AUTO-IMMUNE EXPERIMENTAL LUPUS **NEPHRITIS**

VAN GRIENSVEN M

Bergiik E C

Baelde J J

de Heer E

Bruijn J A Laboratory of Pathology, University of Leiden, The

Netherlands

REAPPEARANCE OF EMBRYONIC LAMININ EPITOPES IN THE GLOMERULAR **BASEMENT MEMBRANE IN EXPERIMENTAL LUPUS NEPHRITIS**

KOOTSTRA C J Prins F A de Heer E

Abrahamson D R

Bruiin J A

Dept. of Pathology, Univ. of Leiden, The Netherlands and Dept. of Cell Biol..

Univ. of Alabama at Birmingham, Alabama

HYDROCARBON (HC) EXPOSURE AND DAMAGE TO ENDOTHELIAL CELLS AND BASEMENT MEMBRANE

YAQOOB M

Pai P

Stevenson A

Mason H

Bell G M

Royal Liverpool Hospital, Liverpool and HSE, Sheffield, U.K.

ANTIENDOTHELIAL CELL AUTOANTIBODIES (AECA) STIMULATE LEUKOCYTE ADHESION BY CYTOKINE RELEASE FROM ENDOTHELIUM

CARVALHO D Adamson P

Savage C O S Pearson J D

Vascular Biology Research Centre, King's College, London; Vascular Immunobiology Group, Birmingham, UK

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER	POSTER
							AREA 1	AREA 2
FREE	FREE	FREE	FREE	FREE	FREE	EDUCA	POSTERS	POSTERS
COMMUNI	COMMUNI	COMMUNI	COMMUNI	COMMUNI	COMMUNI	TIONAL	ESSION	ESSION
CATION	CATION	CATION	CATION	CATION	CATION	COURSE	9	10
25	26	27	28	29	30	000	•	

11.00 - 12.30 HALL F2

EDUCATIONAL COURSE 6

P. DRUET, FRANCE

SYSTEMIC LUPUS ERYTHEMATODES

11.00 - 12.30 ______ POSTER AREA 1

POSTERVISIT 9

TRANSPLANTATION: PROGNOSTIC FACTORS

CHAIRMEN: D. BRIGGS, UK - J. KOVARIK, Austria

SELECTED POSTERS TO BE VISITED: SEE PAGE 82

11.00 -12.30 _____ POSTER AREA 2

POSTERVISIT 10

HAEMODIALYSIS: VASCULAR ACCESS AND HEPARINE

CHAIRMEN: J. BEN ARI, Israel - F. VALDERRABANO, Spain

SELECTED POSTERS TO BE VISITED: SEE PAGE 84

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER AREA 1	POSTER AREA 2
SYMPOSION	SYMPOSION	SYMPOSION						
PREVENTION OF PROGRESSION	TECHNICAL ADVANCES IN DIALYSIS	INT. REGISTRIES						

14.00 - 15.30 _____ HALL A

SYMPOSION PREVENTION OF PROGRESSION OF RENAL INSUFFICENCY: **ACE-INHIBITION VERSUS CA-ANTAGONISM**

CHAIR: P. WEIDMANN, Berne, Switzerland

INTRODUCTION

P. Weidmann, Berne, Switzerland

EXPERIMENTAL EVIDENCE FROM ANIMAL STUDIES G. Remuzzi, Bergamo, Italy

MECHANISMS AND PROGNOSTIC FACTORS OF PROGRESSIVE RENAL INSUFFICIENCY IN HUMANS

D. de Zeeuw, Groningen, Netherlands

DIFFERENTIAL EFFECTS OF CALCIUM ANTAGONISTS AND ACE INHIBITORS IN HUMAN RENAL DISEASE E. Ritz, Heidelberg, Germany

IMPROVING THE PROGNOSIS IN DIABETIC NEPHROPATHY: DOES THE TYPE OF DRUG USED MATTER? E. Lewis, Chicago, USA

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER AREA 1	POSTER AREA 2
SYMPOSION	SYMPOSION	SYMPOSION						
PREVENTION OF PROGRESSION	TECHNICAL ADVANCES IN DIALYSIS	INT. REGISTRIES						

14.00 - 15.30 HALL B

SYMPOSION

TECHNICAL ADVANCES IN NEPHROLOGY RESEARCH TOPICS FROM THE INDUSTRY

CHAIRMEN: J. BOTELLA, Madrid, Spain - H.K. STUMMVOLL, Linz, Austria

TECHNICAL APPLICATIONS OF DIALYSIS PRINCIPLES J.Vienken Akzo Nobel, Germany

SIEVING COEFFICIENTS OF MELT-SPUN MEMBRANES FOR HIGH FLUX DIALYZERS J.M. Radovich, L.K. Silva Atlhin Medical Inc., USA

ADVANTAGES OF AN HOMOGENOUS ANIONIC HYDROGEL: ADSORPTION OF INFLAMMATION MEDIATORS L. Simard, M. Thomas, G. Vantard, C. Fritsch Hospal R & D, France

A NEW ON-LINE DEVICE FOR ADEQUACY IN HEMODIALYSIS C. Tetta Bellco S.p.A., Italy

BLOOD VOLUME MEASUREMENT IN HEMODIALYSIS-TECHNICAL ASPECTS AND CLINICAL APPLICATIONS

M. Kraemer

Fresenius AG, Germany

THE PERITONEUM - NO LONGER AN UNSPECIFIED DIALYZER B. Haraldsson, Dept. of Nephrology, Univ. Göteborg, Sweden Ingrid Ledebo, Gambro, Sweden

IMMUNOABSORPTION - DEVELOPMENT FROM AN ANALYTICAL TOOL TO A CLINCAL ADVICE

C. Freiburghaus

Excorim, Sweden

ANTI-CD45 MONOLOCAL ANTIBODIES FOR PREVENTION OF ACUTE GRAFT REJECTION

T. R. Shokley

Baxter Health Care Corp., USA

HALL A	HALL B	HALL C	HALL F1	HALL LM	HALL NO	HALL F2	POSTER AREA 1	POSTER AREA 2
SYMPOSION	SYMPOSION	SYMPOSION						
	TECHNICAL ADVANCES IN DIALYSIS	INT. REGISTRIES						

14.00 - 15.30	HALL (C

SYMPOSION

INTERNATIONAL SYMOPSION ON REGISTRIES

CHAIR: F. VALDERRABANO, Madrid, Spain

MALIGNANT DISEASES IN RENAL REPLACEMENT THERAPY F. Brunner, Basel, Switzerland

CLASSIFICATION OF PRIMARY RENAL DISEASES CAUSING END STAGE RENAL FAILURE: TRENDS AND INCIDENCE IN AUSTRALIA AND NEW ZEALAND

A. Disney, Woudville, Australia

ETHNICITY AND ACCEPTANCE RATE OF ESRD THERAPY IN THE USA
L. Agadoa, Bethesda, USA

END OF CONGRESS

POSTERS

Accepted Posters in Topical Order

PART 1 : VISITED POSTERS (Pages 59-85) PART 2 : MOUNTED POSTERS (Pages 86-129) POSTERVISIT 1 - MONDAY 4TH JULY 1994, 14.00-15.30 **POSTER AREA 1 IMMUNOPATHOLOGY: EXPERIMENTAL AND CLINICAL** CHAIRMEN: G. REMUZZI, ITALY; C. SAVAGE, UK ABROGATION OF PROTEINURIA IN HGCL2- INDUCED NEPHRITIS IN THE BROWN NORWAY RAT BY TREATMENT WITH AB AGAINST TNF-ALPHA MOLINA A Bricio T Martin A Mampaso F Rivera M Hospital Ramon y Cajal, Madrid, Spain LEUCOCYTE INFILTRATION, ICAM-1 AND VCAM-1 DISTRIBUTION AND IL-1-ALPHA EXPRESSION IN 15 CASES OF RENAL VASCULITIS RASTALDI M P Ferrario F Tunesi S Napodano P Beltrame A D'Amico G Division of Nephrology, San Carlo Hospital, Milan, Italy 3 CIRCULATING ADHESION MOLECULES (CAM) IN SYSTEMIC VASCULITIS (SV) AND CHRONIC RENAL FAILURE (CRF) MROWKA Ch Ittel T H Schmitt H Priemer H Sieberth H G Internal Medicine II, University of Aachen, 52057 Aachen, FRG **GLOMERULAR VCAM-1 EXPRESSION IN RENAL VASCULITIS** PALL A A Howie A J Adu D Richards G Inward C D Milford D V Richards NT Michael J Taylor C M Queen Elizabeth Medical Centre, Birmingham, UK CIRCULATING ADHESION MOLECULES (CAM) IN ANCA-ASSOCIATED SYSTEMIC VASCULITIS (SV) WITH RENAL INVOLVEMENT MROWKA Ch Priemer H Sieberth H G Internal Medicine II, University of Aachen, 52057 Aachen, FRG ANTI-ENDOTHELIAL CELL ANTIBODIES FROM LUPUS NEPHRITIS PATIENTS ENHANCE THE BINDING OF NEUTROPHILS TO CYTOKINE STIMULATED HUMAN UMBILICAL VEIN ENDOTHELIAL CELLS FRAMPTON G Khouri N A Santos W L C Moriva S Renal Lab., UMDS, Guy's Campus and Neuroimmunology Group, Institute of Psychiatry, London, UK MAST CELLS (MC) SYNTHESISE TYPE VIII COLLAGEN (C VIII): BOTH CONTRIBUTE TO DIABETIC NEPHROPATHY (DN) RUGER B Dunbar R Hasan Q Greenhill N Sawada H Neale T J Keriaschki D Dept of Medicine, Wellington School of Medicine, and Yokohama City University, School of Medicine, Yokohama, Japan MYOFIBROBLASTS, PREDICTORS OF THE PROGRESSION OF IGA **NEPHROPATHY** GOUMENOS D Brown C B El Nahas A M Sheffield Kidney Institute, Sheffield, U.K.

IMMUNOPATHOLOGY: EXPERIMENTAL AND CLINICAL

INCREASED GLOMERULAR AND INTERSTITIAL LFA-1 EXPRESSION IN PROTEINURIC IGA NEPHROPATHY (IGAN)

ALEXOPOULOS E Kelesidis A Papadimitriou M Dept of Nephrology, Hippokration General Hospital, Thessaloniki, Greece

HLA DQB10301 IN IDIOPATHIC IGA NEPHROPATHY (IgAN) 10

> CLEDES J Mercier B Wehbe B

Raquenes O Ferec C

Nephrology & Cyto-Genetic Lab., CHU Brest, France

EFFECTS OF STEROIDS AND CYCLOPHOSPHAMIDE THERAPY IN 11 NECROTIZING/CRESCENTIC (N/C) FORMS OF IGA NEPHRITIS (BERGER'S DISEASE) (BD)

> FERRARIO F Napodano P D'Amico G

Rastaldi M P

Ragni A

Perrichot R

Division of Nephrology, San Carlo Hospital, Milan, Italy

12 QUINAPRIL DECREASES PROTEINURIA AND GLOMERULAR LESIONS IN A NORMOTENSIVE RAT MODEL OF IMMUNE COMPLEX NEPHRITIS

RUIZ-ORTEGA M

Gonzalez S

Seron D

Bustos C Alcazar R Gonzalez E Eaido J

Fundacion Jimenez Diaz, Universidad Autonoma, Madrid; Hospital Bellvitge, Barcelona, Spain

13 INVESTIGATION OF ALPHA2M-RAP AS A CANDIDATE ANTIGEN IN HUMAN **MEMBRANOUS NEPHROPATHY (MN)**

McGUIRE J Short C D

Roberts I Mallick NP Ronco P

Möestrup S

Brenchley P E C Departments of Nephrology, Manchester Royal Infirmary, Manchester, U.K.;

INSERM U 64, Hospital Tenon, Paris, University Aarhus, Denmark

14 INVESTIGATION OF THE EFFECTS OF DIFFERENT DRUG TREATMENTS ON THE PATHOGENESIS OF HYPERTENSIVE NEPHROSCLEROSIS IN SHR

GEIGER H Ruchti H

Fierlbeck W Mai M

Dammrich J

Schonfeld V

Medizinische Klinik IV, Univ. Erlangen-Nurnberg, Nephrol. AbtUniv. Wurzburg, Germany

15 THE IMMUNOHISTOCHEMICAL DISTRIBUTION OF PROLIFERATING CELL **NUCLEAR ANTIGEN (PCNA) IN VARIOUS TYPES OF GLOMERULONEPHRITIS**

NAKOPOULOU L

Salpigides C

Boletis J Stefanaki K

Papadakis J Zeis P M Vosnides G

Dept. of Pathology, Medical School, Athens University, Greece

16 RELATIONSHIP BETWEEN THE INTENSITY OF RENAL LEUKOCYTE **ELASTASE (EL) DEPOSITS AND ENZYMURIA IN PATIENTS WITH GLOMERULOPATHIES (GN)**

Kuzniar J

Szewczyk Z Lembas-Bogaczyk J Marchewska Z

KUZNIAR T J Sawicka E

Dept of Nephrology, Toxicology, Tumor Immunology, Medical Academy, Wroclaw, Poland

POSTERVISIT 1 - MONDAY 4TH JULY 1994, 14.00-15.30 POSTER AREA 1 **IMMUNOPATHOLOGY: EXPERIMENTAL AND CLINICAL** 17 **EPSI-AMINOCAPROIC ACID (EACA) REDUCES ANTI-GBM NEPHRITIS IN** THE RAT WITHOUT AFFECTING COAGULATION/FIBRINOLYSIS HRUBY Z Wendycz D Kopec W Raczynski J Czerchawski L Mazanowska O Szewczyk Z Jozefowiak M Departments of Nephrology, Pathology and Pathophysiology, Wroclaw School of Medicine, Poland 18 RETRODIFFUSION OF TAMM-HORSFALL PROTEIN (THP) INTO THE GLOMERULAR BOWMAN'S SPACE (GBS): A STUDY BY IMMUNOFLUORESCENCE (IF) ON RENAL BIOPSIES (RB) FOGAZZI G B Banfi G Ponticelli C Division of Nephrology and Dialysis, Ospedale Maggiore, Milano, Italy 19 PRO-INFLAMMATORY MECHANISMS IN HUMAN RENAL TUBULAR **EPITHELIAL CELLS (TEC)** Jenkins D Woitacha D Fleming S **CUMMING A D** Departments of Medicine and Pathology, University of Edinburgh, Edinburgh, UK 20 PRODUCTION OF INTERLEUKIN-8 AND INTERLEUKIN-6 BY MESOTHELIAL CELLS (MC) UPON DIRECT STIMULATION WITH GRAM-POSITIVE **BACTERIA IN VITRO** VISSER C E Brouwer-Steenbergen J J Krediet R T Beelen R H J Department of Cell Biology, Faculty of Medicine, Vrije Universiteit and the Department of Nephrology, Academic Medical Centre, Amsterdam, The Netherlands

POSTER VISIT 2 - MONDAY 4TH JULY, 1994, 14.00-15.30 POSTER AREA 2 PERITONEAL DIALYSIS CHAIRPERSON: M. KESSLER, FRANCE; Z. KORZTIS, ISRAEL 301 ULTRASOUND EXAMINATION OF CAPD CATHETER TUNNEL FOR EARLY DIAGNOSIS OF INFECTION LANG U Haag-Weber M Meisl F Hörl W 3rd Med. Dept., Wilhelminenspital, Vienna, Clinic of Int. Med. III, Vienna, Austria 302 LONG-TERM FOLLOW-UP OF STRAIGHT TENCKHOFF PERITONEAL CATHETER (PC) INSERTED IN AN ARCUATE SUBCUTANEOUS TUNNEL BY A TUNNELER (TUN) FAVAZZA A Petri R Montanaro D Boscutti G Messa P Bresadola F Mioni G Renal Unit and Surgical Department of University, Udine, Italy 303 SILVER-COATED PERITONEAL CATHETER REDUCES BACTERIAL COLONIZATION DASGUPTA M K Costerton J W Universities of Alberta and Calgary, Canada 304 SIMPLE PROCEDURE FOR DETERMINATION OF RESIDUAL VOLUME IN CAPD COMBARNOUS F Caillette A Denicola C Pozet N Labeeuw M Zech P Nephrology, E. Herriot Hospital, Lyon, France 305 PERITONEAL SOLUTE AND FLUID TRANSPORT DURING FOUR YEARS OF TREATMENT WITH CAPD STRUIJK D G Imholz A L T Pannekeet M Academic Medical Center, Amsterdam, The Netherlands 306 EFFECTS OF INCREASE IN INFLOW VOLUME AND EXCHANGE NUMBER ON ADEQUACY PARAMETERS IN CAPD CORRADI B Malberti F Dozio B Scanziani R Bonforte G Imbasciati F Surian M Renal Units Ospedale Maggiore of Lodi and Desio, Italy 307 FLUID AND SOLUTE TRANSPORT DURING CAPD IN UPRIGHT AND RECUMBENT POSITION IMHOLZALT Koomen GCM Struijk DG Arisz L Krediet RT Academic Medical Center, Amsterdam, The Netherlands 308 THE P.E.T. IS AN INAPPROPRIATE TOOL TO PRESCRIBE DIALYSIS DOSE HARTY J C Goldsmith D J A Morris J Boulton H Gokal R Uttlev L Venning M C Royal Infirmary and Withington Hospital Manchester, UK

POSTER VISIT 2 - MONDAY 4TH JULY, 1994, 14.00-15.30 ______POSTER AREA 2 PERITONEAL DIALYSIS 318 TNF AND SOLUBLE TNF RECEPTORS DURING CAPD RELATED PERITONITIS ZEMEL D de Waart D R Struijk D G Krediet R T Academic Medical Center, Amsterdam, The Netherlands

POSTERVISIT 3 - MONDAY 4TH JULY, 1994, 16.00-17.30 ______ POSTER AREA 1 MANAGEMENT OF SECONDARY HYPERPARATHYROIDISM CHAIRMEN: D. MEMMOS, Greece - M. POPOVTZER, Israel 21 INTERMITTENT VS. CONTINUOUS ORAL CALCITRIOL: A RANDOMIZED PROSPECTIVE TRIAL HERRMANN P Ritz E Schmidt-Gayk H Dept. Int. Med, Univ. of Heidelberg, Germany EFFECT OF THE MODE OF CALCITRIOL ADMINISTRATION ON ICA-PTH 22 **RELATIONSHIP: A RANDOMIZED CLINICAL TRIAL** CUBERO J Caravaca F .liminez F Lopez J M Aparicio A Cid M C Pizarro J L Liso J Santos I Hospital Infanta Cristina, Extremadura University, Badajoz, Spain PULSE ORAL CALCITRIOL VS INTRAVENOUS IN SEVERE SECONDARY 23 **HYPERPARATHYROIDISM** Locatelli F BACCHINI G Fabrizi F Nephrology Division Hospital of Lecco, Italy 24 **EVOLUTION OF SEVERE SECONDARY HYPERPARATHYROIDISM (HPTII)** AFTER INTERMITTENT TREATMENT WITH HIGH ORAL DOSES OF CALCITRIOL (C) MASSIMETTI C Costantini S Curti G P Feriozzi S Riveruzzi P E Serra M Ancarani E Nephrology, Biochemistry, Viterbo, Italy 25 ORAL 1 OH-D3 PULSE THERAPY IS SUCCESSFUL IN TREATING SECONDARY HYPERPARATHYROIDISM IN HEMODIALYSIS PATIENTS RAPOPORT J Mostoslavski M Ben-David A Knecht A Blau A Arad J Zlotnik M Chaimovitz C Nephrology Depts, Sheba Medical Center, Tel-Hashomer & Soroka Medical Center, Beersheva, Israel 26 EFFECT OF THE SEQUENTIAL INCREMENT IN THE DOSE OF I.V. CALCITRIOL ON SEVERE SECONDARY HYPERPARATHYROIDISM Betriu A Fernandez E Cao G Rivas M C MONTOLIU.I Nephrology and Biochemistry Services, Hospital Arnau de Vilanova and Faculty of Medicine, University of Lleida, Lleida, Spain 27 REDUCTION IN SIZE OF PARATHYROID GLANDS BY INTRAVENOUS 1A(OH)D3, IN HEMODIALYSIS PATIENTS KATOPODIS K Revenas K Logothetis E Noussias C Magana P Arvanitis D Vlassopoulos D Hadiilouka-Mantaka A Hadiiconstantinou V Dept. of Renal Medicine, A. Fleming Hosp., Dept. of Ultrasounds, Laiko Hosp. and Dept. of Nuclear Medicine, Pammakaristos Hosp., Athens, Greece 28 EFFECTS OF PHOSPHORUS (PI) RESTRICTION ON PARATHYROID GLAND FUNCTION IN PATIENTS WITH CHRONIC RENAL FAILURE (CRF) DE PRÉCIGOUT V Aparicio M Service de Nephrologie, Hopital Pellegrin, Bordeaux, France

MANAGEMENT OF SECONDARY HYPERPARATHYROIDISM

PHOSPHATE-BINDING EFFECTS OF SUCRALFATE VERSUS ALUMINIUM 29 **HYDROXIDE (AL(OH)3)**

COSTANZIS Fulignati P De Vito D

Sturniolo A

Passalacqua S

Costantini S Dept Nephrology Tor Vergata, Ist Sup Sanita, Rome, Italy

Splendiani G

NEGATIVE CALCIUM BALANCE AND WORSENING OF SECONDARY 30 HYPERPARATHYROIDISM INDUCED BY LOW CALCIUM DIALYSATE

Fernandez E Borras M Betriu A MONTOLIU J

Nephrology Service, Hospital Arnau de Vilanova and University of Lleida, Lleida, Spain

DELETEROUS EFFECT OF LOW CALCIUM DIALYSATE AND LARGE DOSES 31 OF CACO3 ON PARATHYROID FUNCTION IN HD PATIENTS. A LONG TERM STUDY

ORTEGA O

Baio M A

Gallar P

Oliet A

Viail A

Nefrologia, Hosp. Severo Ochoa, Leganes, Madrid, Spain

32 PARATHYROID GRAFT FUNCTION AFTER TOTAL PARATHYROIDECTOMY (PTX) IN PATIENTS ON CHRONIC HAEMODIALYSIS (HD)

MEMMOS D

Belechri A Visvardis G

Vyzantiades A Antoniadis A

Vakianis P Papadimitriou M

Koukoudis P Department of Nephrology and Transplant Unit, Hippokration Hospital, University of Thessaloniki, Greece

PARATHYROID AUTOGRAFTS: FUNCTION OR PROLIFERATION DEPENDS 33 ON MORPHOLOGY - SIX YEARS FOLLOW-UP

Horandner H

Niederle B

NEYER U

Haid A

Zimmermann G Gruber U

EM-Labor Mauer u., Chirurg Univ Klinik-Wien; Dept NephrologyDept Chirurg, Dept Pathol - LKH Feldkirch, Austria

34 EFFECT OF PARATHYROIDECTOMY ON IMMUNE ABNORMALITIES IN **HEMODIALYSIS PATIENTS**

Diukanovic Li

STOSOVIC R Pejanovic S

Jankovic D

Velimirovic D

Center of Allergy and Immunology & Inst of Urology and Nephrology, Univ. Clinical Center, Beograd, Yugoslavia

35 THE INFLUENCE OF PLASMA PTH LEVELS ON THE NUMBER AND FUNCTION OF LYMPHOCYTES OF PTS ON HD

STATHAKIS Ch Iniotaki A

Viglis B

Boletis J

Lambropoulou A Kostakis A

Choremi H

Vosnides Gr Div of Nephrology and Div of Immunology, Laiko Gen Hospital, Athens, Greece

36 **EFFECTS OF PHARMACOLOGICAL CORRECTION OF SECONDARY** HYPERPARATHYROIDISM (HPTII) ON CARDIAC FUNCTION IN **HEMODIALYSIS PATIENTS**

MASSIMETTI C Botti M

Capezzuto A Orlandi N

Pontillo D

Ancarani E

Div. of Nephrology and Div. of Cardiology, Viterbo, Italy

POST	OSTERVISIT 3 - MONDAY 4TH JULY, 1994, 16.00-17.30 POSTER AREA 1							
MANA	AGEMENT OF SECONDARY HYPERPARATHYROIDISM							
37	EARLY RESULTS OF ULTRASOUND GUIDED PERCUTANEOUS SCLEROSING (UGPS) OF PARATHYROID GLANDS IN SECONDARY HYPERPARATHYROIDISM							
	Kovatcheva R KATARDJIEVA EBorisova A M Vazelov E Kanev N Kirilov G Krivoshiev S Faculty Hospital of Endocrinology - Sofia, Faculty Hospital "Queen Giovanna" - Sofia							
38	DIAGNOSTIC PROCEDURE IN HYPERPARATHYROIDISM AFTER TOTAL PARATHYROIDECTOMY WITH AUTOTRANSPLANTATION							
	NEYER U Haid A Zimmermann G Departments of Nephrology and Surgery, LKH Feldkirch, Austria							

POSTERVISIT 4 - MONDAY 4TH JULY, 1994, 16.00-17.30 **POSTER AREA 2 GLOMERULAR DISEASES: CLINICAL ASPECTS** CHAIRMEN: S. CAMERON, UK - A. MEYRIER, France 319 GLOMERULAR GRANULOMATOSIS (GG) IN PRIMARY CRESCENTIC GLOMERULONEPHRITIS (PCGN) Barrientos A MARANES A Marron B Portoles J Herrero J A Blanco J Nephrology and Pathology D, H.U. San Carlos, Madrid, Spain 320 THE IMPORTANCE OF HISTOPATHOLOGIC SCORING CONCERNING LONG TERM-RESULTS IN RAPIDLY PROGRESSIVE GLOMERULONEPHRITITS (RPGN) BACH D Helmchen U Grabensee B University Departments of Nephrology, Düsseldorf and Pathology, Hamburg, Germany 321 NATURAL HISTORY AND CIRCULATING IMMUNE COMPLEXES IN **IDIOPATHIC HEMATURIA** NIEUWHOF C Tiebosch A Grave W Doorenbos C de Heer F de Leeuw P Wolters J Zeppenfeldt E van Breda Vriesman P Regional Working Party on Kidney Diseases, Limburg, The Netherlands 322 RED CELL NA.LI COUNTERTRANSPORT AND EVOLUTION IN IGA **NEPHROPATHY** FARBRI A Degli Esposti E Lucatello A Boero R Sturani A Forneris G Guarena C Fusaroli M Piccoli G Ospedale S. Maria delle Croci, Ravenna; Istituto di Nefro- Urologia dell'Universita, Ospedale G. Bosco, Torino, Italy 323 SERUM IMMUNOGLOBULIN E IN PRIMARY IGA NEPHROPATHY SHU K H LuYS Chena C H Chan L P Lian J D Division of Nephrology, Department of Pathology, Taichung Veterans General Hospital, Taichung, Taiwan 324 URINARY NO2/NO3 EXCRETION IN IGA NEPHROPATHY (IGA NP) Kocsis B Barta J Nagy J Second Department of Medicine and Department of MicrobiologyUniversity Medical School of Pecs, Hungary 325 EFFECT OF LOW-ANTIGEN-CONTENT DIET TREATMENT ON IMMUNOLOGICAL PARAMETERS IN IGA NEPHROPATHY PUCCINI R Ferri C Palcologo G Longombardo G Pasquariello A Moriconi L Migliorini P Cioni L Coppo R Nephrology Unit, S. Chiara Hospital, Istituto Patologia Medica I, University of Pisa, Pisa;

Ospedale Infantile Regina Margherita, Torino, Italy

GLOMERULAR DISEASES: CLINICAL ASPECTS

326 RECOMBINANT HUMAN ALPHA INTERFERON TREATMENT IN HEPATITIS B VIRUS-ASSOCIATED GLOMERULONEPHRITIS

 Chung D R
 Yang W S
 Kim S B
 Park S

 Yu E
 Lee Y S
 Hong C D
 PARK J S

 Lindholm B J

Asan Medical Center, University of Ulsan, Seoul, Korea

327 TREATMENT WITH INTERFERON-ALFA IN NON-CRYOGLOBULINEMIC MEMBRANOPROLIFERATIVE GLOMERULONEPHRITIS ASSOCIATED WITH HCV NFECTION

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Dept of Int Med, Clinical Pathology, General Surgery, Catholic University Medical College, Seoul, Korea

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392 HEPARIN-FREE DIALYSIS FOLLOWING PRERINSING OF HEMOPHAN WITH HIGH DOSES OF HEPARIN

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Department of Internal Medicine, Ruperto-Carola University, Heidelberg and Department of Physiology, University Regensburg, Germany

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BONE AND MINERAL METABOLISM

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2 Medical Clinic & Dept of Exp Medicine and Pathol, University "La Sapienza", Rome, Italy

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159 CA METABOLIC PROFILE IN GITELMAN'S SYNDROME (GS)

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164 RAT KIDNEY GLUTATHIONE LEVELS AND ITS RELATED ENZYMES IN ACUTE RENAL FAILURE

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165 INCREASED URINARY TRYPSIN-INHIBITORY ACTIVITY IN MERCURY-CHLORIDE-INDUCED NEPHROTOXICITY IN WISTAR RATS

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Wolfson Hospital, Nephrology Institute, Holon; Department of Biochemistry, Faculty of Agriculture, The Hebrew University of Jerusalem, Rehovot; Nephrology Institute, Kaplan HospitalRehovot, Israel

166 RENAL CELLULAR CHANGES FOLLOWING X-RAY CONTRAST MEDIA EXPOSURE

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168 RENAL AROMATIC L-AMINO ACID DECARBOXYLASE, TYPE A AND B MONOAMINE OXIDASE AND CATECHOL-O-METHYLTRANSFERASE ACTIVITIES IN A RAT MODEL OF CYCLOSPORINE A (CSA) INDUCED NEPHROTOXICITY

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169 INCREASED RENAL OXYGEN UPTAKE IS AN EARLY EVENT IN EXPERIMENTAL CYCLOSPORIN TOXICITY

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170 FUROSEMIDE USE IN EARLY CSA NEPHROTOXICITY: RISKS AND BENEFITS

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PATHOPHYSIOLOGY OF RENAL DISEASES

COMPARATIVE ACUTE NEPHROTOXICITY OF FK506 AND CYCLOSPORINE A 171 (CSA)

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172 UNILATERAL URETERAL LIGATION IN THE RAT: AN EXPERIMENTAL MODEL OF CHRONIC RENAL INTESTINAL FIBROSIS (RIF)

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173 P-CRESOL AND PHENOL AS UREMIC TOXINS INHIBITING POLYMORPHO-**NUCLEAR (PMNL) RESPIRATORY BURST**

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174 COMPLEMENT C4 PHENOTYPES IN PATIENTS WITH END-STAGE RENAL DISEASE

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Dept. of Nephrology, Meir Hospital, Kfar Saba and the University of Tel Aviv, Israel

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176 IS SALT-SENSITIVITY A REPRODUCIBLE PHENOMENON?

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177 HYPERINSULINEMIA IN PATIENTS (PTS) WITH ESSENTIAL HYPERTENSION (EH) AND MICROALBUMINURIA (UA)

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178 IMPAIRED ALPHA/BETA-ADRENOCEPTOR RATIO DURING DYNAMIC EXERCISE IN ESSENTIAL HYPERTENSIVE PATIENTS (EHP)

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179 RELATION BETWEEN RENAL PRODUCTION OF VASODILATORS AND AFFERENT ARTERIOLAR TONE IN ESSENTIAL HYPERTENSION

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180 REGIONAL DIFFERENCES IN RESPONSE OF VASCULAR RESISTANCE TO SYSTEMIC INFUSION OF ANGIOTENSIN I (AI) IN ESSENTIAL HYPERTENSION (EH)

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University Hospital Maastricht/Zuiderziekenhuis Rotterdam, The Netherlands

181 INCREASED NA+/H+ EXCHANGE ACTIVITY IN ESSENTIAL AND RENAL HYPERTENSIVE PATIENTS. CORRELATION WITH DIASTOLIC BLOOD PRESSURE

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182 EFFECT OF ANTIHYPERTENSIVE DRUGS ON THE RENAL RESPONSE TO VOLUME EXPANSION IN NORMAL MAN

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Medicine, CHU Montpellier & Ipsen, Paris, France

183 EFFECT OF NIFEDIPINE ON SODIUM, URIC ACID AND BETA-2-MICROGLOBULIN EXCRETION IN PATIENTS WITH ESSENTIAL HYPERTENSION

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184 EXERCISE BUT NOT ANGIOTENSIN II INFUSION INCREASES MICROALBUMINURIA IN YOUNG PATIENTS WITH ESSENTIAL HYPERTENSION

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185 HETEROGENEOUS PATTERNS FOR ATTAINING SODIUM BALANCE FOLLOWING RESTRICTION IN ESSENTIAL HYPERTENSIVES

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186 PREVALENCE OF MICRO (MI) AND MACRO (MA) ALBUMINURIA AND THEIR RELATIONSHIP WITH OTHER CARDIOVASCULAR (CV) RISK FACTORS IN ESSENTIAL HYPERTENSION (EH)

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188 EPIDEMIOLOGY OF MICROALBUMINURIA (MAU) IN NON-DIABETIC HYPERTENSIVE PATIENTS

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195 ASPIRIN OR ASPIRIN AND DIPYRIDAMOLE TO PREVENT PREGNANCY-INDUCED HYPERTENSION

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198 DOES L-ARGININE ALTER PROTEINURIA AND RENAL HEMODYNAMICS IN PATIENTS WITH CHRONIC GLOMERULONEPHRITIS AND HYPERTENSION?

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205 RENAL, METABOLIC AND HORMONAL RESPONSES TO PROTEINS OF DIFFERENT ORIGIN IN NORMOTENSIVE, NON-PROTEINURIC IDDM **PATIENTS**

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207 RENAL EFFECTS OF LOW-DOSE DOPAMINE IN INFRARENAL AORTIC SURGERY

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209 THE EFFECTS OF LONG TERM RECOMBINANT GROWTH HORMONE SUBSTITUTION ON RENAL FUNCTIONAL RESERVE CAPACITY IN HYPOPHYSECTOMIZED PATIENTS

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213 DIURETICS POTENTIATE ANGIOTENSIN CONVERTING ENZYME (ACE) INHIBITOR-INDUCED ACUTE RENAL FAILURE

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214 KETOROLAC INDUCED ACUTE RENAL FAILURE (ARF) AND HYPERKALEMIA

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215 ACUTE RENAL FAILURE (ARF) IN THE VERY OLD: RESULTS OF A MULTICENTER SURVEY IN MADRID

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216 ANTI-NEUTROPHIL CYTOPLASMIC AUTOANTIBODIES (ANCA) IN ACUTE **RENAL FAILURE (ARF)**

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217 GLOMERULAR CHANGES IN WEIL'S DISEASE - A PRELIMINARY **OBSERVATION**

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220 STABLE RENAL FUNCTION (RF) IN AUTOIMMUNE DISEASE (AD) PATIENTS MONITORED WITH CYCLOSPORINE A (CSA) LEVELS 6 HOURS (T6) POST-AM DOSE

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221 RENAL STRUCTURE IN INSULIN DEPENDENT DIABETIC (IDDM) PANCREAS TRANSPLANT (PT) PATIENTS (PTS) ON CYCLOSPORINE (CSA)

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222 EFFECTS OF PENTOXIFYLLINE (PT) ON CYCLOSPORINE A (CSA) INDUCED NEPHROTOXICITY

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227 LUNG DIFFUSION CAPACITY (DLCO) IN URAEMIC PATIENTS WITH SYSTEMIC LUPUS ERYTHEMATOSUS (SLE)

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228 LONG TERM STABILISATION OF SEVERE LUPUS NEPHROPATHY BY A COMBINED TREATMENT

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229 SCLERODERMA RENAL CRISIS (SRC). CLINICAL-HISTOLOGICAL CORRELATION

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396 THE INFLUENCE OF ANTIMICROBIAL THERAPY AND VACCINES ON THE COURSE OF RECURRENT URINARY TRACT INFECTIONS (UTI)

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438 PATHOGENESIS OF INSULIN RESISTANCE (IR) IN KIDNEY DISEASE PATIENTS WITH MILD TO MODERATE KIDNEY FUNCTION REDUCTION

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441 CARNITINE DEFICIENCY, NUTRITIONAL STATUS AND DYSLIPEMIA IN DIALYSIS VS FUNCTIONING KIDNEY TRANSPLANTED PATIENTS

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443 ADENINE NUCLEOTIDES IN BLOOD OF PREDIALYSIS CHRONIC RENAL **FAILURE (CRF) PATIENTS**

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445 VALUE OF PROSTATIC SPECIFIC ANTIGEN IN ENDSTAGE RENAL FAILURE (ESRF)

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447 DEFECTIVE ANTIGEN PROCESSING VIA MONOCYTES OF ESRD PATIENTS NOT RESPONDING TO HEPATITIS B VACCINATION (HBV)

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448 INFLUENCE OF EXERCISE ON GLOMERULAR AND TUBULAR FUNCTION
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449 DELETION POLYMORPHISM IN THE ANGIOTENSIN I CONVERTING ENZYME GENE IS APPARENTLY NOT RELATED TO VASCULAR DISEASE OR HYPERTENSION IN DIALYSIS PATIENTS

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450 ASSESSMENT OF BODY COMPOSITION FROM NEAR-INFRARED INTERACTANCE COMPARED WITH ANTHROPOMETRY IN HEMODIALYSIS (HD), CAPD AND KIDNEY TRANSPLANT PATIENTS (TR)

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451 METABOLIC CLEARANCE RATE (MCR) AND PLASMA HALF-LIFE (T 1/2)
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452 DNA FLOW CYTOMETRIC (FC) ANALYSIS AS A PROGNOSTIC TOOL IN RENAL TUMORS ASSOCIATED WITH ACQUIRED POLYCYSTIC KIDNEY DISEASE (APKD)

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453 CORONARY ANGIOPLASTY AND REVASCULARIZATION IMPROVES SURVIVAL OF ESRD PATIENTS WITH SYMPTOMATIC CORONARY HEART DISEASE (CHD)

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454 URINARY ALBUMIN EXCRETION IN CHILDREN FROM RURAL SETTLEMENTS AND AN URBAN AREA

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455 APPROACHING NEPHROLOGY TO PRIMARY CARE: A TWO-YEAR EXPERIENCE OF AN OUT-OF-HOSPITAL RENAL CLINIC

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456 EFFECTS OF EXTRACORPOREAL SHOCK WAVE LITHOTRIPSY FOR KIDNEY STONES ON RENAL FUNCTION

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457 ULTRASOUND DIAGNOSIS OF UNCERTAIN URINARY TRACT OBSTRUCTION USING STIMULATED DIURESIS TEST

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458 **EVALUATION/VALIDATION OF DIAGNOSTIC CRITERIA FOR ANALGESIC** NEPHROPATHY (AN) IN ESRF PATIENTS - RESULTS OF THE ANNE STUDY

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460 TRASH KIDNEY: THE SYNDROME OF SPONTANEOUS ATHEROEMBOLIC **RENAL DISEASE (AERD)**

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HYPERTENSION AND RENAL FUNCTION IN FIVE YEARS SURVIVING 461 **HEART TRANSPLANT RECIPIENTS (HTR)**

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463 UNKNOWN EFFECTS OF AMIODARONE ON KIDNEY FUNCTION IN HUMANS

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522 A NEW, NON-INVASIVE METHOD OF MEASURING ABSOLUTE BLOOD **VOLUME (BV) DURING HAEMODIALYSIS USING OPTICAL TECHNIQUES**

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523 **BIOELECTRIC IMPEDANCE (BEI) AND THE FLUID STATUS IN HEMODIALYSIS PATIENTS**

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524 BLOOD VOLUME (BV), ARTERIAL PRESSURE (AP) AND HEART RATE (HR) BEHAVIOUR DURING HEMODIALYSIS (HD): A COMPARISON BETWEEN HYPOTENSION-PRONE (HP) AND HYPOTENSION-RESISTANT **PATIENTS (HR PTS)**

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525 **DETERMINATION OF THE SODIUM DIFFUSION GRADIENT IN** HAEMODIALYSIS (HD)

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526 ADEQUACY OF SODIUM BALANCE IN HEMODIALYSIS BY A KINETIC MODEL

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527 MULTIFREQUENCY BIOIMPEDANCE (MFB) IN MONITORING OF FLUID CHANGES DURING HEMODIALYSIS (HD)

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528 THE ROLE OF DIALYZER "INTERNAL FILTRATION" FOR HIGH **MOLECULAR WEIGHT (HMW) SOLUTE TRANSPORT**

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529 DISCONTINUOUS USE OF STORED BICART CONCENTRATE DOES NOT CONSTITUTE A MICROBIOLOGIC HAZARD

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530 **EFFECTIVE TREATMENT OF CHRONIC HYPOTENSIVE PATIENTS (PTS) ON HEMODIALYSIS (HD) WITH L-ARGININE**

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531 THE INFLUENCE OF FLUID LOAD ON INTERDIALYTIC BLOOD PRESSURE (BP) IN HEMODIALYSIS PATIENTS (HDP)

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532 CHANGES OF WATER PERMEABILITY COEFFICIENT (LPP) IN **HEMODIALYSIS PATIENTS**

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INTERPRETATION AND DIAGNOSTIC USEFULNESS OF 24-HOUR BLOOD 533 PRESSURE MONITORING IN HD PATIENTS

NORDIO M

Vescovo G Lombini C

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535 A SIMPLE METHOD OF THE PRELIMINARY IDENTIFICATION OF PATIENTS AT HIGH RISK OF CARDIAC DEATH ON MAINTENANCE DIALYSIS

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536 LONG-HOURS HAEMODIALYSIS VS RENAL TRANSPLANTATION: COMPARATIVE INFLUENCE ON CARDIAC STRUCTURE AND FUNCTION

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CARDIOVASCULAR EVALUATION OF LONG-TERM, LONG-HOURS 537 HAEMODIALYSIS (HD)

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538 INTESTINAL PERMEABILITY IN HD PATIENTS: A ROLE IN PATHOGENESIS OF POLYDIPSIA AND HYPERKINETIC STATUS?

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539 INFLUENCE OF ORTHOSTATIC LOAD ON SPECTRAL PATTERN OF HEART RATE VARIABILITY IN UREMIC PATIENTS AS COMPARED TO NORMAL HUMANS

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Trzos S Luciak M Kozlowski J W

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540 **OPEN HEART SURGERY IN PATIENTS ON CHRONIC RENAL FAILURE**

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541 **ARRHYTHMIA IN HEMODIALYSIS PATIENTS**

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542 HYPERHOMOCYSTEINEMIA IS ASSOCIATED WITH VASCULAR DISEASE IN CHRONIC UREMIA

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543 INVERSE RELATIONSHIP BETWEEN SERUM LIPOPROTEIN(A) AND **ALBUMIN CONCENTRATION IN HEMODIALYSIS PATIENTS**

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544 PRESERVED ANTIOXIDATIVE DEFENCE OF LIPOPROTEINS IN RENAL **FAILURE AND DURING HEMODIALYSIS**

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545 ANTIOXIDANTS AND RESISTANCE TO OXIDATION OF LOW DENSITY LIPOPROTEINS BEFORE AND AFTER HEMODIALYSIS TREATMENT

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546 INCREASED LIPID OXIDATION AND ENERGY CONSUMPTION AFTER **HEMODIALYSIS**

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547 PERIPHERAL BLOOD OXIDATIVE METABOLISM DURING ACETATE AND BICARBONATE HEMODIALYSIS IN CHRONIC UREMIC PATIENTS

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548 PLASMA PENTOSIDINE AND MALONDIALDEHYDE IN MAINTENANCE **HEMODIALYSIS PATIENTS**

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549 INFLUENCE OF ACETATE (AC) VERSUS BICARBONATE (BI) HAEMODIALYSIS ON PLASMA ERYTHROPOIETIN (EPO) CONCENTRATION IN PATIENTS WITH CHRONIC RENAL FAILURE (CRF)

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550 APPLIED NEURAL NETWORK FOR ANALYSIS BETA-2 MICROGLOBULIN KINETIC MODEL

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551 THE EFFECTS OF REUSE ON LIPID PEROXIDATION IN HAEMODIALYSIS **PATIENTS**

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552 TRANSIENT INCREASE IN IRON AVAILABILITY BY PARENTERAL IRON IN HAEMODIALYSIS PATIENTS

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553 THE EFFECT OF IRON OVERLOAD ON INTERLEUKIN-6 ACTIVITIES IN **HAEMODIALYSIS PATIENTS**

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554 LOW DOSE DFO TREATMENT OF ALUMINUM (AL) OVERLOAD AFTER ACUTE INTOXICATION USING TWO ADMINISTRATION SCHEDULES

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555 VALUE OF THE LOW-DOSE DESFERRIOXAMINE TEST (5 MG/KG) IN THE DIAGNOSIS OF ALUMINUM-RELATED BONE DISEASE (ARBD)

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556 STUDY ON THE COMPETITION BETWEEN TRANSFERRIN (TF), CITRATE (CIT) AND DFO FOR AL/FE BINDING IN DIALYSIS-PATIENTS

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SILICON (SI) AND ALUMINUM (AL) LEVELS IN DIALYSIS PATIENTS IN MACEDONIA: A MULTICENTRE STUDY

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558 A SIMPLE WAY TO MINIMIZE ALUMINIUM (AL) ACCUMULATION IN HEMODIALYSIS (HD) PATIENTS TREATED BY ALUMINIUM HYDROXIDE (ALOH3)

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559 INTRADERMAL INJECTION OF RECOMBINANT HEPATITIS B VACCINE IN DIALYSIS PATIENTS (DP)

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560 HEPATITIS B (HB) IMMUNIZATION IN NONRESPONDERS HB VACCINATED PATIENTS: REVACCINATION AND HUMAN RECOMBINANT INTERLEUKIN-2 (HRIL-2) EFFECTS

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561 BEHAVIOUR OF NAIVE (CD4+/CD45RA+) AND MEMORY (CD4+/CD45RO+) THELPER CELLS DURING HEMODIALYSIS

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562 OVERPRODUCTION OF TGF BETA2 AND EMERGENCE OF CD14+ CD16+ MONOCYTE SUBSET IN CHRONIC HAEMODIALYSIS

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563 CLEARANCE OF COMPLEMENT FACTOR D BY HIGH FLUX MEMBRANES

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564 **INCREASED SCD14-PLASMA LEVELS IN HEMODIALYSIS PATIENTS**

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565 EFFECT OF HEMODIALYSIS ON SERUM LEVELS OF TUMOR MARKERS IN PATIENTS WITH END-STAGE RENAL FAILURE

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566 CHANGES OF BLOOD AMMONIA IN UREMIC PATIENTS UNDER HEMODIALYSIS (HD) AND CAPD

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568 PLATELET RNA CONTENTS IN UREMIC PATIENTS, EFFECT OF HEMODIALYSIS (HD) AND PERITONEAL DIALYSIS (PD)

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569 DRY SKIN IN PATIENTS UNDERGOING MAINTENANCE HEMODIALYSIS

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SERUM CHEMOKINES (MCAF AND MIP-1_), PLASMA NEUROPEPTIDES 570 (NT AND NPY) LEVELS AND HISTAMINE RELEASE FROM BASOPHILS IN **HAEMODIALYSIS PATIENTS**

DE MARCHI S Falleti E Turrin D

Guerra UP

Sepiacci G Villalta D

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572 PLASMA GROWTH HORMONE CONCENTRATION AND FLUID OVERLOAD IN HAEMODIALYSIS PATIENTS

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573 IMPROVEMENT OF BRAIN FUNCTION BY HEMODIALYSIS: MEASUREMENTS OF VISUAL-INDUCED EVENT-RELATED POTENTIALS (P300) IN PATIENTS WITH CHRONIC RENAL FAILURE

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SEMIQUANTITATIVE ASSESSMENT OF PULMONARY CALCINOSIS IN CHRONIC HEMODIALYSIS PATIENTS BY HIGH-RESOLUTION COMPUTED **TOMOGRAPHY**

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575 **EXERCISE PERFORMANCE IN ANEMIC PATIENTS ON HEMODIALYSIS (HD)**

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576 VENTILATORY RESPONSE TO PROGRESSIVE HYPERCAPNIA IS IMPAIRED IN PATIENTS WITH AUTONOMIC NEUROPATHY ON HEMODIALYSIS

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577 PREGNANCY IN WOMEN ON DIALYSIS: IS ELECTIVE TERMINATION OF PREGNANCY STILL JUSTIFIED ?

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578 THE USEFULNESS OF EXTRACORPOREAL DETOXIFICATION IN OPIATE POISONING

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579 PROGNOSTIC INDICATORS FOR ONE YEAR SURVIVAL IN ELDERLY **DIALYSIS PATIENTS**

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580 A CASE-CONTROL STUDY OF EARLY MORTALITY ON RENAL REPLACEMENT THERAPY (RRT)

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ON THE INFLUENCE OF RACE ON QUALITY OF LIFE (QOL) IN **PATIENTS ON DIALYSIS**

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582 **CLINICAL MARKERS FOR EARLY MORTALITY IN DIALYSIS PATIENTS**

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583 COHERENCE OF DATA IN A DIALYSIS REGISTRY: ERROR CORRECTION IS A TIME CONSUMING PROCEDURE. IS IT WORTH THE GAME?

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HAEMOFILTRATION AND OTHER TREATMENT MODALITIES

584 CLEARANCE AND KT/V DO NOT CORRELATE WITH REMOVAL OF MIDDLE MOLECULES WHEN COMPARING INTERMITTENT WITH CONTINUOUS HAEMODIALYSIS

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585 HIGH DIALYSATE FLOW RATE (HDFR) CONTINUOUS ARTERIOVENOUS HEMODIALYSIS (CAVHD): AN EFFECTIVE APPROACH TO TREAT LITHIUM (LI) INTOXICATION

LEBLANC M Raymond M Pichette V Isenring P
Bonnardeaux A Geadah D Boucher A Cardinal J

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586 ON-LINE MEASUREMENTS OF KT/V BY A NEW BIOSENSOR (BS) DURING PAIRED FILTRATION DIALYSIS (PFD)

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587 HIGH FLUX HEMODIAFILTRATION (H-HDF): CONCLUSIVE EXPERIENCE

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588 BICARBONATE HEMOFILTRATION (HCO3-/HF): CLINICAL EVALUATIONS IN A MULTICENTER TRIAL

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589 SODIUM KINETIC MODEL IN HEMODIAFILTRATION

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590 WHAT INCREASES EFFICIENCY OF LIPAPHERESIS AND PLASMAPHERESIS IN REFSUM'S DISEASE

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BIOCOMPATIBILITY, BETA 2 MICROGLOBULIN AND DIALYSIS-ASSOCIATED ...

591 ANAPHYLACTOID REACTIONS (AR), PMMA-HIGH FLUX DIALYSIS (HFD) AND ACE-INHIBITORS (ACE-J)

SCHWARZBECK A Rambausek M Wittenmeier K W Hallfritzsch U

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592 ACE-INHIBITOR THERAPY IN HEMODIALYSIS PATIENTS ON POLYSYLFONE MEMBRANE - SAFE OR HARMFUL?

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593 EFFECT OF DIALYSIS MEMBRANE AND TNF-ALPHA ON NEUTROPHIL GELATINASE EXOCYTOSIS

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Guillot M

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594 EFFECT OF ULTRAFILTERED DIALYSATE ON IL-1 RECEPTOR ANTAGONIST (IL-1RA) IN PATIENTS ON HEMODIALYSIS

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595 INTERLEUKIN (IL) ACTIVATION IN HEMODIALYSIS (HD) PATIENTS
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596 LYMPHOCYTES SUBSETS AND SOLUBLE INTERLEUKIN 2 RECEPTOR (SIL2R) IN HEMODIALYSIS (HD)

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597 PLATELETS (PLT) BEHAVIOUR ON HAEMODIALYSIS (HD) USING ETHYLENE-VINYL ALCOHOL MEMBRANE (EVAL-M). DOES HEPARINE PLAY ANY ROLE ON IT?

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Kavallierou L

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598 THE PLATELETS BEHAVIOUR ON HEPARINE AND HEPARINE-FREE HAEMODIALYSIS (HD) USING CUPROPHANE (CU) AND ETHYLENE-VINYL ALCOHOL (EVAL) MEMBRANE (M). A COMPARATIVE STUDY

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599 **B2-MICROGLOBULIN AND CHEMOKINES IN TENOSYNOVIUM OF DIALYSIS-RELATED AMYLOIDOSIS**

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600 ALPHA INTERFERON THERAPY INCREASES SERUM BETA-2-M IN

HEMODIALYSIS PATIENTS (HP)

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601 SERUM AMYLOID A PROTEIN LEVELS IN HEMODIALYSIS PATIENTS

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602 ENDOSCOPIC CARPAL TUNNEL RELEASE IN HEMODIALYZED PATIENTS: A 2 YEAR EXPERIENCE

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PERITONEAL DIALYSIS (TECHNIQUE, ADEQUACY, OUTCOME, COMPLICATIONS)

621 FUNCTIONAL ACTIVITY OF NATURAL KILLER CELLS IN PATIENTS ON CAPD VERSUS HEMODIALYSIS (HD) WITH DIFFERENT TYPES OF MEMBRANES

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622 CHANGES IN PERITONEAL CYTOKINE LEVELS AFTER ONE YEAR ON CAPD

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623 LIMITED RECOVERY OF STIMULATED CYTOKINE RELEASE FROM LEUKOCYTES FOLLOWING EXPOSURE TO CAPD FLUIDS

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624 SERUM LIPOPROTEIN (A) CHANGES IN PATIENTS WITH CHRONIC RENAL FAILURE ON DIALYSIS (HD OR CAPD)

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625 ADIPOSE TISSUE FATTY ACID COMPOSITION, VITAMIN E AND SERUM LIPIDS IN DIALYSIS PATIENTS AND CONTROLS

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626 THE INTRAPERITONEAL (IP) ADMINISTRATION OF 1A(OH)D3 IN CAPD PTS IS SAFE AND EFFECTIVE

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627 CALCIUM (CA)-BALANCE AND PTH-RESPONSE DURING INTERMITTENT PERITONEAL DIALYSIS (IPD) WITH A LOW-CA SOLUTION

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628 31-1 MAGNETIC RESONANCE SPECTROSCOPY (MRS) OF SKELETAL MUSCLE METABOLISM IN CAPD PATIENTS

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PERITONEAL DIALYSIS (TECHNIQUE, ADEQUACY, OUTCOME, COMPLICATIONS)

629 FUNCTIONAL TESTS OF THE THYROID AND NUTRITIONAL STATUS IN **CAPD PATIENTS**

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630 PROGNOSTIC FACTORS IN CAPD PATIENTS

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631 CONTINUOUS AMBULATORY PERITONEAL DIALYSIS FOR TREATMENT OF **ESRD PATIENTS WITH ASCITES SECONDARY TO LIVER CIRRHOSIS**

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632 ERYTHROCYTE GLYCOLYTIC DYSFUNCTION IN CHRONIC RENAL FAILURE

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Kitamura H Osaka Rosai Hospital, Osaka, Japan

633 REDUCED GLUTATHIONE (GSH) FOR ANEMIA IN HEMODIALYSIS (HD)

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Boogaerts M A

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634 HIGH DOSE 1-OH VITAMIN D IMPROVES ANEMIA IN HEMODIALYSED POPULATION IN THE ABSENCE OF ERYTHROPOIETIN

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Briat C Pollini J

Service de Nephrologie-Hemodialyse, Hopital Henri Duffaut, 84902 Avignon Cedex 9, France

635 HAS ANDROGEN THERAPY A ROLE IN THE ERYTHROPOIETIN ERA?

AGUILERA A

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Ga Otero G

Marcen R

Liano F Ortuno J

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> VALENTI M Salomone M

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Bajardi P

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637 POOR RESPONSE TO ERYTHROPOIETIN IN INFLAMMATORY CONDITIONS MAY BE MEDIATED BY INTERLEUKIN-6

MACDOUGALL I C

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Cavill I

Baker L R I

Raine A E G

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University Hospital of Wales, Cardiff, UK

638 **ERYTHROPOIETIN (EPO) RESPONSE IN HEMODIALYSIS PATIENTS CARRIERS OF ANTI-HEPATITIS C ANTIBODIES**

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Sanz-Moreno C Garrancho J M Sanchez B

Botella J

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639 CONCOMITANT UTILIZATION OF ERYTHROPOIETIN AND ALPHA-INTER-**FERON IN DIALYSIS PATIENTS**

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Ozcebe O

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Araque A

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Rodicio J L

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641 ELEVATED PLASMA ERYTHROPOEITIN (EPO) LEVELS IN PATIENTS WITH PRIMARY HYPERPARATHYROIDISM (PHP). EFFECT OF PARATHYROIDECTOMY (PTX)

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Nieszporek T WIECEK A

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642 ERYTHROPOIETIN NEED AFTER PARATHYROIDECTOMY IN HEMODIALYSIS **PATIENTS**

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EKIM M

Ankara University Faculty of Medicine, Division of PediatricNephrology, Ankara, Turkey

644 RELATIONSHIP BETWEEN 02 SUPPLY AND 02 CONSUMPTION AFTER **ERYTHROPOIETIN**

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Service of Nephrology and Hematology, Hospital Clinic i Provincial, Barcelona, Catalonia, Spain

646 RELATIONSHIP BETWEEN TRANSFERRIN SATURATION INDEX (TSI) AND RED CELL SIZE AND HEMOGLOBIN (HB) CONTENT IN HEMODIALYSIS (HD) PATIENTS

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Machanova Y

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Rathaus M

Dept. of Nephrology, Meir Hospital, Kfar Saba and the University of Tel Aviv. Israel

647 INFLUENCE OF ERYTHROPOIETIN (EPO) ON ERYTHROCYTE (ER) VITAMINS B1, B2, AND B6 IN HAEMODIALYSIS PATIENTS (HDP)

Derzsiova K

4th Medical Clinic and Department of Nuclear Medicine, University Hospital, Kosice, Slovak Republic

648 EFFICACY OF SUBCUTANEOUS RECOMBINANT HUMAN ERYTHROPOIETIN ADMINISTERED TO CAPD PATIENTS ONCE WEEKLY

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Tvedegaard E Bruun K Dominguez H Breddam M

Steffensen G

Pedersen F B

Dahlager J

Dialysis Units, Odense, Herlev, Fredericia, Aalborg, EsbjergHolstebro and Viborg Hospitals, Denmark

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Serres Renal Unit, Serres-Greece

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Dept of Nephrology, Med. Fac. Skopje, R. Macedonia

651 PRESSOR RESPONSES ON ISOLATED HEPATIC ARTERIES BY **ERYTHROPOIETIN (RHU-EPO)**

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Calore L SALVATI F

Cavinato P

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La Greca G

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S. Massimo Hospital, Penne; Department of Int. Medicine, Renzetti Hospital, Lanciano, Italy

652 ANTIPLATELET THERAPY FOR PREVENTING HYPERTENSION INDUCED BY **ERYTHROPOIETIN: A PROSPECTIVE STUDY**

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Hospital Infanta Cristina, Extremadura University, Badajoz, Spain

653 RENAL ANAEMIA TREATMENT WITH RECOMBINANT HUMAN ERYTHROPOIETIN (RHEPO) INCREASES CARDIAC INDEX (CI) IN PATIENTS WITH ISCHAEMIC HEART DISEASE (IHD)

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Andersson L G Danielson B G

Depts of Internal Medicine and Clinical Physiology, University Hospital, Uppsala, Sweden

654 FIBRINOLYSIS AND THROMBOTIC EVENTS IN HAEMODIALYSIS PATIENTS TREATED WITH ERYTHROPOIETIN

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Cecchin E

Bartoli E

Departments of Internal Medicine and Clinical Chemistry, University Hospital, Udine, Italy

655 FIBRINOLYSIS IN HEMODIALYSIS (HD) PATIENTS AND THE EFFECT OF **ERYTHROPOIETIN (E)**

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Depts of Medicine, Prague, Pilsen, CZ

656 LOW RBC-SUPEROXIDE DISMUTASE (SOD) IN HAEMODIALYSIS (HD) PATIENTS AFTER RH-EPO TREATMENT

> YANKOVA T Tchankova P Paskalev D Nenov D

Medical University, Varna, Bulgaria

657 LYMPHOCYTE PROLIFERATION INDEX (S.I.), LYMPHOCYTE SUBPOPULATIONS AND IL-1, IL-2 AND IL-6 IN PLASMA AND IN THE SUPERNATANT OF PBL CULTURES IN ESRD PATIENTS UNDER RHUEPO TREATMENT

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Pessina A Braga M Ponticelli C

Divisione Nefrologia e Dialisi, Clinica Medica I, Laboratorio Epidemiologico, Ospedale Maggiore

IRCCS Milano, Istituto di Microbiologia Medica, Universita di Milano, Italy

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> MACEDO G Keating J

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Monteiro J Loureiro A

Nefronorte, Paredes, Portugal

659 THE EFFECT OF RHUEPO TREATMENT ON THE POTASSIUM CONDUCTANCE (GK) IN T-LYMPHOCYTES (LT) IN PATIENTS (PTS) ON CHRONIC HEMODIALYSIS (CHD)

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The Arab Contractor Medical Center, Cairo, Egypt

661 PLASMA NEUROTENSIN AND NEUROPEPTIDE Y LEVELS AND HISTAMINE RELEASE FROM CIRCULATING BASOPHILS IN UREMIA. EFFECTS OF **ERYTHROPOIETIN (RHUEPO)**

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662 SUBTHALAMIC-PITUITARY-GONADAL AXIS AFTER TWO YEARS OF RHEPO TREATMENT

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663 EFFECT OF RHUEPO THERAPY ON PROLACTIN LEVELS AND THYROID FUNCTION TESTS IN HEMODIALYSIS (HD) PATIENTS WITH CHRONIC

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Dialysis Unit, Radom Hospital, Poland

664 EFFECTS OF ERYTHROPOIETIN ON PARADOXICAL RESPONSES OF GROWTH HORMONE TO THYROTROPIN-RELEASING HORMONE IN UREMIC PATIENTS

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Hospital La Paz, Madrid, Spain

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Department of Internal Medicine, Institute of Clinical Chemistry and Laboratory Diagnostic, University of Jena, Germany

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Ohtsuka H Akizawa T

Third Department of Internal Medicine, Nihon University School of Medicine, Tokyo, Japan; Kisen Hospital; Hachinohe Urology Hospital; Kirin Brewery Co., Ltd., Pharmaceutical Division

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668 LONG TERM GRAFT FUNCTION AFTER SUCCESSFUL IMMUNOADSORPTION

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669 ADVANTAGES OF HLA-DR GENOTYPING FOR KIDNEY TRANSPLANTS IN A **ROUTINE HOSPITAL LABORATORY**

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670 SERUM LEVELS OF ADHESION MOLECULES: MARKERS OF REJECTION?

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690 INITIAL EXPERIENCE OF ISLET CELLS PANCREATIC TRANSPLANTATION (ICT) IN TYPE I DIABETIC PATIENTS WITH ESRD

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692 CLINICAL IMPLICATIONS OF RENAL FUNCTIONAL RESERVE IN KIDNEY TRANSPLANT RECIPIENTS

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694 **DUPLEX DOPPLER ULTRASONOGRAPHY: DIAGNOSTIC VALUE OF THE** RESISTIVE INDEX IN THE ACUTE DYSFUNCTION OF RENAL ALLOGRAFTS

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Hospital Santa Cruz, Lisbon, Portugal

695 CYCLOSPORIN A-GRAPEFRUIT JUICE INTERACTION IN RENAL TRANSPLANT PATIENTS

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696 PHARMACOKINETICS OF DANAZOL-CYCLOSPORIN INTERACTION

> PASSFALL J Keller F

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697 CORONARY ISCHEMIA AND KIDNEY TRANSPLANTATION IN ELDERLY PATIENTS: THALLIUM STRESS IMAGING AS A SCREENING TEST

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698 BODY GROWTH AND BODY COMPOSITION DURING PUBERTY IN CHRONIC **RENAL FAILURE AND AFTER RENAL TRANSPLANTATION**

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701 **EXAGGERATED FEEDBACK ERYTHROPOIETIN REGULATION IN ERYTHROCYTOSIC RENAL TRANSPLANT PATIENTS**

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703 RENAL VEIN THROMBOSIS INCIDENCE INCREASE IN RENAL TRANSPLANTATION PATIENTS TREATED WITH RH-EPO

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704 POST-TRANSPLANT THROMBOSIS ASSOCIATED WITH THE PLATELET COUNT

> HIGGINS R M Gray D W R Morris P J

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705 HEMATOLOGICAL EFFECT OF 400 CC PHLEBOTOMIES IN PATIENTS WITH **RENAL POSTTRANSPLANT ERYTHROCYTOSIS**

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706 **EVOLUTION OF THREE BONE MARKERS AFTER KIDNEY TRANSPLANTATION**

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707 CICLOSPORINE INDUCED BONE HYPERREMODELLING IS NOT ASSOCIATED WITH A DECREASE OF BONE DENSITY IN PATIENTS WITH KIDNEY TRANSPLANTS

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Caglar M

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Nephrology and Urology Units, Hacettepe Medical School, Ankara, Turkey

709 DOPPLER ULTRASOUND ASSESSMENT OF TRANSPLANT RENAL ARTERY **STENOSIS**

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Hospital 12 de Octubre, Madrid, Spain

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Transplantation Institute, Warsaw Medical School, Warsaw, Poland

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Transplantation Institute Warsaw Medical School, Warsaw, Poland

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Emory Univ. Atlanta, USA

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Chair of Nephrology and Microbiology Institute of the University, Turin, Italy

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University of Cologne, Department of Surgery, Virology, Nephrology, Germany

717 HELICOBACTER PYLORI (HP) INFECTION IN RENAL TRANSPLANTATION (RTX)

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General Hospital, Varese, Italy

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718 R-METHHUG-CSF THERAPY IN LEUCOPENIC GRAFT RECIPIENTS

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Dept. of Nephrology, University of Vienna, Austria

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Picca M Consalvo G Tarantino A Edefonti A

Giani M

Colombo D

Dept of Pediatrics, University of Milan; Dept of Nephrology, Ospedale Maggiore, Milan, Italy

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Adequacy and fluid quality

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Moderator: Professor E. Ritz, Heidelberg Panel members: Professor C. Jacobs, Paris,

Dr. G. Lonnemann, Hannover, Dr.C. Ronco, Vincenza,

Professor V. Wizemann, Giessen among others. Time: Tuesday, July 5, 1994, 12.45 - 13.45

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Friday, July 8th, 1994

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Chairmen: H. G. SIEBERTH, H. KIERDORF (Aachen)

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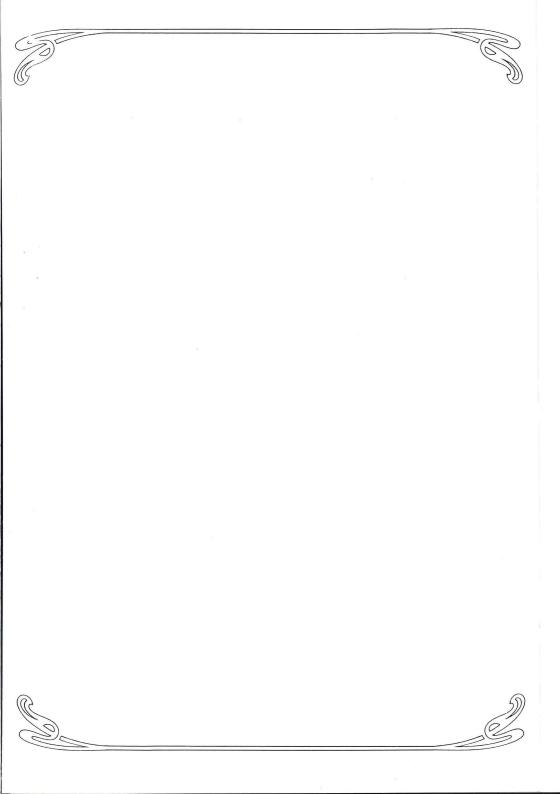
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