

The 45th Conference of the Israeli Society of Nephrology and Hypertension

Kfar Blum • March 26th - 28th, 2009



Organizing Committee

Itzhak Slotki, President of the ISNH, Shaare Zedek Medical Center, Jerusalem

Anca Gal-Moscovici, Hadassah University Medical Center, Jerusalem

Scientific Committee

Avry Chagnac, Chairman, Rabin Medical Center-Hasharon Hospital, Petah -Tikva

Geoffrey Boner, Kidney Committee, Israel Transplant

Tali Weinstein, Sourasky Medical Center, Tel Aviv

Thursday, March 26th, 2009

14.30 - 14.45 **Welcome greetings** (Hall A) **Itzhak Slotki, President**

14.45 - 15.15 Renal transplantation in Israel - The transplant law and recent results of renal transplantation in Israel.
Geoffrey Boner, Chairman of Kidney Committee, Israel Transplant

15.15 - 15.55 **Keynote lecture** (Hall A) **Chair: Itzhak Slotki**

Raghu Kalluri, Harvard Medical School, Boston, USA
Strategies to Reverse Chronic Renal Injury and Fibrosis.

15.55 - 16.35 **Keynote lecture** (Hall A) **Chair: Joshua Weissgarten**

Ralph Witzgall, University of Regensburg, Germany
Cell biology of polycystin-2, a protein mutated in autosomal-dominant polycystic kidney disease.

16.35 - 17.05 Break

17.05 - 18.05 **Free Communications: Basic Science 1** (Hall B) **Chairs: Jacques Bernheim, Amos Douvdevani**

1. The role of large-conductance Ca²⁺-Activated K⁺ (BK) channels and of FXRD4 (CHIF) in acute kidney injury due to ischemia and reperfusion.

Eliana Rachamimov, Vered Avidan, Dimitri Giemelreich, Hannah Wald, Dvora Rubinger
Nephrology and Hypertension Services, Hadassah University Medical Center, Department of Surgery, Shaare Zedek Medical Center, and Gene Therapy Department, Hadassah University Medical Center, Jerusalem

2. Pharmacogenomic effect of vitamin E on kidney structure and function in transgenic mice with the haptoglobin 2-2 genotype and diabetes mellitus.

Farid M. Nakhoul¹, Rachel Miller-Lotan², Hoda Awad², Rabea Asleh², Kheir Jad², Nakhoul Nakhoul³, Roy Asaf², Abu-Seleh Nairouz², Andrew P. Levy²
¹Ambulatory Nephrology Unit, Rambam-Health Care Campus; ²Faculty of Medicine, Technion Haifa and ³Semmelweis University, Faculty of Medicine, Budapest, Hungary

3. Sexual dysmorphism in glomerular arginine transport affects nitric oxide generation in old male rats.

Idit F. Schwartz, Tamara Chernichovski, Natalia Krishtol, Hila Sotendorf, Avishai Gruper, Ido Laron, Doron Schwartz.
Department of Nephrology, Tel Aviv Medical Center

4. Pin1 determines PTH expression in vitro, in Pin1 knock-out mice and in secondary hyperparathyroidism.

Morris Nechama, Justin Silver, Tally Naveh-Many
Nephrology and Hypertension Services, Hadassah - Hebrew University Medical Center, Jerusalem

17.05 - 18.35 **Free Communications: Clinical Science 1** (Hall A) **Chairs: Batya Kristal, Gabi Morduchowicz**

1. Pulmonary hypertension is an independent predictor of mortality in hemodialysis patients.

Mordechai Yigla¹, Oren Fruchter¹, Doron Aharonson², Noa Yanay³, Shimon A. Reisner², Moshe Lewin³, Farid Nakhoul⁴
¹Division of Pulmonary Medicine, ²Department of Cardiology, ³Department of Nephrology; ⁴Ambulatory Nephrology Unit. Rambam Health Care Campus, Rappaport Faculty of Medicine, Technion, Haifa

2. Adding heparin to Turolock-TM CLS: Dose it improve TCC'S patency dysfunction?

Ronit Geron, Olga Tanhilevsky, Tatiana Tanasiychuk, Olga Kramarenko and Batya Kristal
Nephrology and Hypertension, Western Galilee Hospital, Nahariya, and School of Public Health, Faculty of Social Welfare & Health Sciences, University of Haifa, Haifa

3. High dialysate calcium concentration modulates oxidative stress during hemodialysis and intravenous iron administration.

David Tovbin¹, Amir Abd Elkadir⁴, Hadar Biran⁴, Amos Douvdevani³, Sylvia Berman⁶, Michael Miroshnik¹, Moshe Zlotnik¹, Yaron Ishai² and Shimon Storch⁵
¹Department of Nephrology, ²Chest surgery, ³Nephrology laboratory, Soroka University Medical Center; ⁴Biomedical Engineering, Ben-Gurion University of the Negev, Beer-Sheva, ⁵Nephrology, Bnai Zion Med, Haifa

4. N-acetylcysteine improves residual renal function in peritoneal dialysis patients.

Leonid Feldman, Shai Efrati, Iris Yakov-Hai, Elena Abramov, Inna Sinuani, Ilia Beberashvili, Roza Rosenberg and Joshua Weissgarten
Division of Nephrology, Assaf Harofeh Medical Center, Zerifin, and Sackler School of Medicine, Tel Aviv University, Tel Aviv.

5. Transjugular kidney biopsy: enabling safe tissue diagnosis in high risk patients.

Irit Mor-Yosef Levi¹, Iddo Z. Ben-Dov¹, Galina Pizov² and Allan I. Bloom³
¹Nephrology and Hypertension Services, ²Pathology Department and ³Radiology Department, Hadassah - Hebrew University Medical Center, Jerusalem

6. Hyperleptinemia may be involved in the development of post-transplant diabetes mellitus in kidney transplant recipients.

Alexander Kagan, Ruth Sarafian, Nurit Haran, and Jayson Rappoport
Department of Nephrology and Hypertension, Kaplan Medical Center, Rehovot and Faculty of Medicine, Hebrew University, Jerusalem

18.35 - 19.05 **Journal Club: Nephrology** (Hall A)

Michal Dranitzki Elhalel, Hadassah University Medical Center, Jerusalem



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Friday, March 27th, 2009

08.30 - 09.10 **Keynote lecture** (Hall A) **Chair: Geoffrey Boner**

Wayne Comper, Monash University, Melbourne, Australia
Challenging the traditional mechanisms of albuminuria.

09.15 - 10.15 **Free Communications: Basic Science 2** (Hall B) **Chairs: Doron Schwartz, Yossi Haviv**

1. Effect of ACE inhibition on recuperation from ischemia/reperfusion induced renal injury.

Shai Efrati, Sylvia Berman, Ramzia Abu-Hamad, Zhan Averbukh, Joshua Weissgarten
Division of Nephrology, Assaf Harofeh Medical Center, Zerifin

2. A parathyroid bone axis: regulation of FGF23 by PTH and calcium.

Vardit Lavi-Moshayoff, Gilad Wasserman, Justin Silver and Tally Naveh-Many
Nephrology and Hypertension Services, Hadassah - Hebrew University Medical Center, Jerusalem

3. Preconditioning by agonists of adenosine A1 receptor suppresses inflammation in models of peritonitis and allogeneic transplantation.

Oshri Naamani¹, Sigal Nakav¹, Cidio Chaimovitz², Moshe Zlotnik² and Amos Douvdevani^{1,2}.

¹Department of Clinical Biochemistry, ²Department of Nephrology, Soroka Medical University Center and Ben-Gurion University of the Negev, Beer-Sheva

4. Metabolic and molecular bone changes in early CKD: Evidence of suppressed bone turnover.

Miriam Frishman, Prina Scherzer, Stuart Sprague, Karina Durlacher-Bezer and Anca Gal-Moscovici
Nephrology and Hypertension Services, Hadassah - Hebrew University Medical Center, Jerusalem

09.15 - 10.30 **Free Communications: Clinical Science 2** (Hall A) **Chairs: Tali Weinstein, Ricardo Cohen**

1. Anemia upon admission to hospital - a new independent risk factor for AKI.

Batya Kristal¹, Lilach Shema¹, Ronit Geron¹ and Liora Ore²

¹Nephrology and Hypertension, Western Galilee Hospital, Nahariya and ²School of Public Health, Faculty of Social Welfare & Health Sciences, University of Haifa, Haifa

2. Neutrophil gelatinase-associated lipocalin (NGAL) as a predictor of complications and mortality in patients undergoing major surgery.

Linda Shavit¹, Irina Dolgokov² and Itzhak Slotki¹

¹Adult Nephrology Unit and ²Department of Anesthesiology, Shaare Zedek Medical Center, Jerusalem

3. Administration of erythropoiesis stimulating agents for the treatment of congestive heart failure - systematic review and meta-analysis.

Benaya Rozen-Zvi¹, Anat Gaftor-Gvili², Mical Paul³, Leonard Leibovici⁴, Ofer Shpilberg² and Uzi Gaftor¹

Departments of ¹Nephrology and Hypertension and ²Hematology, ³Infectious Disease Unit, and ⁴Department of Medicine E, Rabin Medical Center, Beilinson Hospital, Petah-Tikva

4. Safety and efficacy of EPODURE sustained erythropoietin therapy of anemia in chronic kidney disease patients: initial results of phase I/II proof of concept trial.

Michal Dranitzki Elhalel¹, Livnat Dotan², Andrew Pearlman³, Baruch Stern³, Philip Ng⁴, Ehud Shoshani³, Stephen McMurray³, Allen R. Nissenson⁵ and Eithan Galun⁶.

¹Nephrology and Hypertension Services - Hadassah University Medical Center, Jerusalem ²Plastic Surgery Department, Hadassah University Medical Center, Jerusalem ³Medgenics Inc., Misgav, Israel ⁴Molecular Genetics, Baylor College of Medicine, Houston, TX, United States ⁵School of Medicine, UCLA, Los Angeles, CA, United States; and ⁶. Goldyn-Savad Institute for Gene Therapy- Hadassah University Medical Center, Jerusalem

5. The conventional vs. intensive treatment of renal insufficiency study (CITRIS). A 4 years prospective study.

Jacques Bernheim, Eduardo Podjarny, Menahem Shuraki, Igal Hekselman, Uri Goldbourt.

Department of Nephrology & Hypertension, Sapir Medical Center, Kfar-Saba, and Dept of Epidemiology and Preventive Medicine Sackler Faculty of Medicine, Tel Aviv University

10.30 - 11.00 Break

11.00 - 11.30 **CPC** (Hall A) **Chair: Noa Berar-Yanay**

Leonid Feldman, Assaf Harofeh Medical Center, Zerifin

11.30 - 12.40 **Sponsored Lectures** (Hall A) **Chairs: Zeev Korzets, Ruth Rachamimov**

Yoseph Caraco, Hadassah Medical Center, Jerusalem

The pharmacogenetics of immunosuppressive drugs (Sponsored by Roche Pharmaceutical)

Lukas Foggensteiner, Queen Elizabeth Hospital, Birmingham, UK

What is the role of PD in the 21st century? (Sponsored by Teva Medical)

12.40 - 12.50 Break

12.50 - 13.20 **Journal Club - Hypertension** (Hall A))

Jose Zabludowski, Rabin Medical Center, Petah Tikva

13.20 - 14.00 **Keynote lecture** (Hall A) **Chair: Uzi Gaftor**

Frank Eitner, RWTH University of Aachen, Germany

Therapy of IgA Nephropathy - supportive or immunosuppressive?

14.00 - 15.00 Lunch

15.00 - 15.30 Business Meeting

Saturday March 28th, 2009

09.30 - 10.30 The future of nephrology in Israel

