

THURSDAY 14.4.2016

10:30-11:15 **Welcome Reception**

11:15-11:20 Talia Weinstein President ISNH

11:20-11:25 Eli Holtzman Scientific Meeting Chairman

11:30-12:50 SESSION 1: DIALYSIS

Chairs: Sydney Ben-Benchetrit, David Tovbin

11:30-11:55 IATROGENIC IRON OVERLOAD IN DIALYSIS PATIENTS AT THE BEGINNING OF THE 21ST CENTURY: REDISCOVERY OF AN OLD COMPLICATION OR A NEW ENTITY? Guy Rostoker MD PhD, Medical Director of the Nephrology and Dialysis Division at Hospital Claude Galien (Ramsay-Générale de Santé) Quincy sous Sénart, Great Paris Area (Ile de France), France.

11:55-12:20 ABSTRACTS – Dialysis

1. **Hemodialysis Reliable Outflow (HeRO) Graft, a New Option for Vascular Access.** R. Abel , Y. Samet , V. Rapaport, A. Bloch, H. Rubinstein, M. Dranitzki-Elhalel, A. Bloom. Nephrology and Hypertension, Vascular Surgery and Radiology departments, Hadassah-Hebrew University Medical Center, Jerusalem.

2. **Determinants of Quality of Life among Jewish and Arab Hemodialysis Patients.** O. Romano-Zelekha O, E. Golan, A. Ifrah, T. Weinstein, T. Shohat. Israel Center for Disease Control, Ministry of Health, Hemodialysis Unit, Meir hospital, Kfar Saba, Israel Renal Registry, ISNH, Department of Epidemiology and Preventive Medicine, Tel Aviv Medical Center, Sackler Faculty of Medicine, Tel Aviv University.

12:20-12:50 ENOXAPARIN FOR ANTICOAGULATION OF HEMODIALYSIS SESSIONS: A FRENCH EXPERIENCE OF MORE THAN 15 YEARS. Guy Rostoker MD PhD, Medical Director of the Nephrology and Dialysis Division at Private Hospital Claude Galien (Ramsay-Générale de Santé) Quincy sous Sénart, Great Paris Area (Ile de France), France.

12:50-13:00 Intermission

13:00-13:05 SESSION 2: CKD

Chairs: Zeev Katzir, Noa Berer-Yanai

13:00-13:25 GADOLINUM TOXICITY IN CKD 4-5 HEMO, PD, AND TRANSPLANT PATIENTS: 2016 APPROACH The French NSF study, Experience with Macrocyclic Gadolinium- Based Contrast Agents. Gabriel Choukroun MD PhD, Head of the Nephrology Dialysis Transplantation Department, Amiens University Hospital, Amiens, France.

13:25-13:50 CLINICAL CHARACTERISTICS AND OUTCOMES OF PATIENTS WITH ATRIAL FIBRILLATION AND RENAL DYSFUNCTION WHO RECEIVE NOVEL ORAL ANTICOAGULANTS IN A REAL WORLD SETTING: Data from a multicenter Israeli Registry.

Ilan Goldenberg MD, Director, Department of Cardiology and Israeli Association for Cardiovascular Trials, Leviev Heart Center, Sheba Medical Center, Tel Hashomer.

13:50-14:30 Lunch Break and Exhibition Visit

14:30-16:00 SESSION 3: NEW ERA IN SCIENCE - MICROBIOME, CRISPR AND REGENERATIVE NEPHROLOGY

Chairs: Yosef Haviv, Gil Chernin

14:30-15:00 THE HUMAN MICROBIOME IN HEALTH AND DISEASE. Niv Zmora MD, Immunology Department, Weizmann Institute of Science, Rehovot.

15:00-15:30 THE CRISPR REVOLUTION - A NEW ERA FOR GENE THERAPY AND BASIC SCIENCE. Achia Urbach PhD, Faculty of Life Science, Bar-Ilan University, Ramat Gan.

15:30–16:00 THE MAKING OF A KIDNEY IN A PETRI DISH, HOW FAR ARE WE? Oren Pleniceanu MD PhD, Pediatric Stem Cell Research Institute, Sheba Medical Center, Tel Hashomer.

16:00–16:20 Coffee Break and Exhibition Visit

**16:20–18:05 SESSION 4: NOVEL NEPHROLOGY SCIENCE -
PODOCYTE BIOLOGY**

Chairs: Talia Weinstein, Dganit Dinour

**16:20–17:00 ABSTRACTS: Clinical Nephrology –
Translational Research**

1. FAT1 Mutation Causing Nephrotic Syndrome and ESRD.

R. Schneider, A. Bloch, M. Dranitzki-Elhalel, V. Meiner. Nephrology and Hypertension and Human Genetics and Metabolic Diseases Departments, Hadassah-Hebrew University Medical Center, Jerusalem.

2. Outcome of Idiopathic Membranous Nephropathy:

A Single Center Retrospective Study. I. Rozenberg, A. Kotliroff, T. Zahavi, S. Benchetrit. Dept of Nephrology and Hypertension, Pathology, Meir Medical Center, Kfar Saba.

3. Recurrent Membranous Nephropathy after Kidney Transplantation: Treatment and Long-Term Implications.

A. Grupper, LD. Cornell, FC. Fervenza, E. Lorenz, FG. Cosio. William von Liebig Center for Transplant and Clinical Regeneration, Transplantation Center, Mayo Clinic, Rochester, MN, Nephrology Department, Tel Aviv Medical Center.

**17:00–17:35 ROLE OF ANTI PLA2R ANTIBODIES AND THE PLA2R
AND THSD7A ANTIGENS IN MEMBRANOUS NEPHROPATHY.**

Elion Hoxha MD, III. Medizinische Klinik, Universitätsklinikum Hamburg-Eppendorf, Hamburg, Germany.

**17:35–18:05 APOL1 NEPHROPATHY: FROM GENE DISCOVERY
TOWARD DRUG DISCOVERY.** Karl Skorecki MD, Molecular Medicine Laboratory, Rambam Health Care Campus, Ruth and Bruce Rappaport Faculty of Medicine and Research Institute, Technion, Haifa.

18:05–18:35: SESSION 5: AWARDS

Chairs: Geoff Boner, Uzi Gafter

18:05–18:10 Young Investigator Award:

Presentation Michal Dranitzki - Elhalel - Mentor of Awardee

18:10–18:20 Synopsis of Research - Mini lecture Ido Ben Dov

Joshua Weissgarten Nephrology Life Achievement Award:

18:20–18:25 Presentation Uzi Gafter - Committee Representative

18:25–18:35 Synopsis of Research Mini lecture Batya Kristal

18:35–20:30 Evening break and Dinner

20:30–21:30 SESSION 6: SCIENCE AND LAW

מי האבא? בדיקות קשרי משפחה: רפואה פורנזית ומשפט אזרחי.
סיפורים מסמרי שיער על בדיקות ד.נ.א אבהות וקשרי משפחה
(מתאים לגיל 16-17 ומעלה)

Ron Loewenthal MD PhD, Tissue Typing Laboratory and National Laboratory for Solid Organ Transplants, Sheba Medical Center.

FRIDAY 15.4.2016

8:30–10:00 SESSION 7: TRANSPLANTATION NEPHROLOGY

Chairs: Michal Dranitzki- Elhalel, Ruth Rahamimov

8:30–8:55 THE VIRTUAL CROSSMATCH: AN ESSENTIAL TOOL FOR IMPROVEMENT IN ORGAN ALLOCATION PROCEDURES AND TRANSPLANTING SENSITIZED PATIENTS Ron Lowenthal MD PhD, Tissue Typing Laboratory and National Laboratory for Solid Organ Transplants, Sheba Medical Center.

8:55–9:10 ABSTRACT – TRANSPLANTATION

The Incidence of Post-Transplant Cancer Among Kidney Transplant Recipients is Associated with the Level of Tacrolimus Exposure during the First Year after Transplantation. S. Lichtenberg, R. Rahamimov, H. Green, B D Fox, E. Mor, U. Gafer, A. Chagnac, B. Rozen-Zvii. Department of Nephrology and Hypertension, Organ Transplantation and Pulmonary Institute, Rabin Medical Center, Petah-Tikva.

9:10–9:35 DE NOVO DSA IN RENAL TRANSPLANTATION AND IMMUNOSUPPRESSION STRATEGY .

Philippe Grimbart MD PhD, Service de Néphrologie et Transplantation, Pôle Cancérologie-Immunité-Transplantation-Infectiologie (CITI) et Unité INSERM 955, CHU Henri Mondor et Université Paris.

9:35–10:00 ATYPICAL HEMOLYTIC UREMIC SYNDROME: New Insights and Treatment Strategy, the Necker Hospital Experience.

Julien Zuber MD PhD, Service de Néphrologie et Transplantation Adulte, Hôpital Necker, Assistance Publique-Hôpitaux de Paris, Paris, France Université Paris Descartes, Sorbonne Paris, Paris, France.

10:00–10:25 Coffee Break and Exhibition Visit

10:25–11:55 Session 8: DIABETES AND OBESITY

Chairs: Doron Schwartz, Avry Chagnac

10:25–10:35 SODIUM-GLUCOSE COTRANSPORTERS AND THE KIDNEY .INTRODUCTION. Ziad Abassi PhD, Rambam Medical Center and Technion, Haifa.

10:35–11:00 THE EFFECTS OF NEW SGLT2 INHIBITORS ON THE KIDNEY AND CARDIOVASCULAR DISEASE OUTCOME.

Avi Karasic MD, Director of Endocrinology Institute, Sheba Medical Center, Tel Hashomer.

11:00–11:15 ABSTRACT - DIABETES

Shear Wave Elastography Imaging for Evaluating and Monitoring Advanced Diabetic Nephropathy. K. Khaled, B. Kristal, N. Loberant, K. Hassan. Faculty of Medicine in the Galilee, Bar-Ilan University, Safed, Israel; Department of Nephrology and Hypertension, Peritoneal Dialysis Unit - Galilee Medical Center, Nahariya, Israel; Department of Radiology, Galilee Medical Center, Nahariya.

11:15–11:30 LONG-TERM OUTCOME OF OBESITY AND DIABETES TYPE2 IN 2190 BARIATRIC SURGERIES IN ISRAEL Dror Dicker MD, Internal Medicine D and Obesity Clinic, Hasharon Hospital, Rabin Medical Center.

11:30–11:45 DOES BARIATRIC SURGERY REALLY PREVENT DETERIORATION OF DIABETIC NEPHROPATHY STAGES 3 or 4?

Yaacov Ori MD, Department of Nephrology and Hypertension, Hasharon Hospital, Rabin Medical Center.

11:45–11:55 Discussion: Dror Dicker, Yaacov Ori, Janosh Winkler

11:55–12:05 Break

12:05–13:30 SESSION 9: NEW DATA IN HYPERTENSION

Chairs: Itzhac Slotki, Farid Nakhoul

12:05–12:35 A NOVEL FORM OF MENDELIAN HYPERTENSION: Hypertension and Brachydactyly. Friedrich Luft MD, Experimental and Clinical Research Center, MDC/Charité, Berlin, Germany

12:35–13:05 HOW LOW CAN WE GO? WHAT CAN WE TAKE FROM THE SPRINT TRIAL?

GENERAL POPULATION Yoram Yagil MD (10 minutes)

CKD Eli Golan MD (10 minutes)

Discussion Yoram Yagil, Eli Golan, Friedrich Luft (10 minutes).

13:05–13:30 SPOOKY SODIUM BALANCE - Taking another "look" at sodium, Friedrich Luft MD, Experimental and Clinical Research Center, MDC/Charité, Berlin, Germany.

13:30–14:10 Lunch Break and Exhibition Visit

14:10–16:00 PARALLEL SESSIONS 10–11 - ABSTRACT PRESENTATIONS

14:10–15:56 TRANSLATIONAL RESEARCH AND CLINICAL TRANSPLANTATION

Chairs: Yoram Yagil, Suheir Assady

14:10–14:21 TF ubiquitination in the uremic milieu by CHIP – a candidate E3 ubiquitin ligase M. Shashar, M. Belghasem, J. Siwak, VC. Chitalia. Renal Section Tel-Aviv Sourasky Medical Center and Renal Section, Boston Medical Center, Boston, MA.

14:22–14:33 Role of Heparanase in Renal Epithelial-Mesenchymal Transition induced by Ischemia/Reperfusion. Z. Abassi, G. Zaza, G. Gambaro, M. Onisto, G. Bellin, G. Vischini, A. Lupo, A. Hassan,

S. Hamoud, I. Khamaysi, I. Vlodavsky, V. Masola. Rambam Medical Center, Haifa, Israel; Renal Unit, Department of Medicine, Verona, Italy; Columbus-Gemelli Hospital Catholic University, Roma, Italy; University of Padova, Padova, Italy; and Technion, Haifa.

14:34–14:45 Haptoglobin 2-2 Genotype is Associated with Decreased Levels of Vitamin D Receptor (VDR), Klotho and Accelerated Renal Apoptosis in Diabetic Nephropathy Mice & Patients. E. Farber, I. Dahan, N. Thaucho, AP. Levy, F. Nakhoul, Department of Medicine, University of Chicago II, Department of Nephrology and Diabetic Nephropathy Lab, Baruch Padeh Poriya Medical Center, Lower Galilee, Faculty of medicine Bar Ilan University Ramat-Gan, Israel. Laboratory for Molecular Nutrition Technion Faculty of Medicine.

14:46–14:57 Circulating Polymorphonuclear Leukocytes' (PMNLs) Priming is a Prerequisite for Monocyte Transmigration and Post Transmigration Adhesion. E. Kliger, S. Sela, R. Geron, G. Shapiro and B. Kristall. Eliachar Research Laboratory¹ and Nephrology Department², Western Galilee Medical Center, Nahariya, and Faculty of Medicine in the Galilee, Bar-Ilan University.

15:58–15:09 JAK-STAT pathway in Endothelial Cells exposed to a Diabetic-Like Environment and Vitamin D. T. Zitman-Gal, N. Plotkin, M. Ohana, Y. Einbinder, S. Benchetrit. Renal Physiology Laboratory, Department of Nephrology and Hypertension, Meir Medical Center, Kfar Saba.

16:10–16:21 Patients with familial Mediterranean fever have increased mortality risk after kidney transplantation compared to others – a 19 years' single center experience. H. Green, S. Lichtenberg, R. Rahamimov, A. Chagnac, E. Mor, B. Rozen- Zvi. Departments of Nephrology and Hypertension, Internal Medicine B and Transplantation, Rabin Medical Center, Beilinson campus, Petah- Tikva.

16:22-16:33 Body mass index (BMI) is associated with microalbuminuria in the late renal transplant period. B. Zingerman, B. Rozen-Zvi, A. Erman, A. Chagnac, R. Rahamimov. Department of Nephrology, Rabin Medical Center.

15:34-15:45 New onset diabetes after kidney transplantation is associated with increased mortality- a retrospective cohort study. L. Cooper, N. Oz, G. Fishman, Z. Shohat, R. Rahamimov, E. Mor, H. Green, A. Grossman. Departments of Internal Medicine B and E, Transplantation, Nephrology and Hypertension and Bio-Statistical Unit, Rabin Medical Center, Beilinson Campus, Petah-Tikva.

15:45-15:56 Neutrophil/Lymphocyte Ratio for Early Detection of Acute Kidney Injury (AKI) in Patients Admitted to the Emergency Room. M. Abu el Filat, I. Slotki, L. Shavit. Division of Adult Nephrology, Shaare Zedek Medical Center, Jerusalem, Israel.

14:10-15:56 CLINICAL NEPHROLOGY AND DIALYSIS (9 abstracts)

Chairs: Victor Frajewicki; Gabi Mordechovitz

14:10-14:21

מה לכליה ולהזרקה תוך עינית של Avastin ?
רונית גרון, צבי סגל, גלינה פוליאנסקי בתיה קריסטל.
מחלקה נפרולוגית ומחלקת עיניים, המרכז הרפואי לגליל.

14:22-14:33 Clinical Estimation of Kidney Function in Patients with β Thalassemia Major. G. Milo, E. Shabad, N. Nassar, T. Mashiach, M. Kaplan, S. Assady. Department of Nephrology, Hematology, Biostatistics Unit, and Clinical Laboratories Division, Rambam and Technion Faculty of Medicine, Haifa.

14:34-15:45 Anemia Management Among Hemodialysis Patients with High Ferritin levels. Y. Einbinder, T. Agur, K. Davidov, E. Golan, S. Benchetrit. Department of Nephrology and Hypertension, Meir Medical Center, Kfar Saba.

15:46-15:57 Longitudinal Study of Uric Acid Levels in Maintenance Hemodialysis Patients. I. Beberashvili, A. Erlich, A. Azar, I. Sinuani, L. Feldman, O. Gorelik, K. Stav and S. Efrati. Nephrology Department, Internal Department B, Nutrition Department, Pathology Department, Internal Department F, Urology Department, Assaf Harofeh Medical Center, Zerifin.

15:58-15:09 Immersion Can Improve Water Redistribution During Hemodialysis in Hypotension Prone Patients. K. Doenyas-Barak, N. Garra, I. Beberashvili, S. Efrati. Department of Nephrology, Assaf Harofeh Medical Center, Zerifin, Israel.

15:10-15:21 Procalcitonin in Hemodialysis Patients Presenting with Fever or Chills. R. Schneider, MJ Cohen, S. Benenson, O. Duchin, YS. Haviv, M. Dranitzki Elhalel, PD. Levin.. Nephrology and Hypertension and Clinical Microbiology Departments, Hadassah-Hebrew University Medical Center, Nephrology Department, Soroka Medical Center, Be'er Sheva, Intensive Care Unit, Shaare- Zedek Medical Center, Jerusalem.

15:22-15:33 The Impact of Oxidized Serum Albumin on the Oncotic Pressure and Hydration Status of Peritoneal Dialysis Patients. K. Hassan, B. Kristal, I. Rubinchik, R. Michelis. Faculty of Medicine in the Galilee, Bar-Ilan University, Safed, Israel; Department of Nephrology and Hypertension, Peritoneal Dialysis Unit - Galilee Medical Center, Nahariya, Israel; Eliachar Research Laboratory, Galilee Medical Center, Nahariya.

15:34-15:45 Inflammatory Biomarkers in Refractory Congestive Heart Failure Patients Treated with Peritoneal Dialysis. M. Kunin, V. Carmon, M. Arad, N. Levin-Iaina, D. Freimark, D. Dinour. Nephrology and Hypertension Institute, Sheba Medical Center, Tel-Hashomer.

15:46–15:56 Hypercapnia in Hemodialysis D. Tovbin, Y. Kuperman, N. Habashi, R. Fudin, A. Reitman, N. Keret, and N. Bisharat. Departments of Nephrology and Internal Medicine D, Emek Medical Center, Afula, Israel.

16:00–16:30 GENERAL ASSEMBLY MEETING AND GRANT AWARDS.

SATURDAY 16.4.2016

10:00 – 09:00

החלטות על מחקר בין מרכזי בנפרולוגיה קלינית: יסודות לשיתוף פעולה
בין מרכזים. רצוי שנפרולוגים צעירים ישתתפו
דוגמאות לנושאים:
גלומרולונפריטיס
CACUT
המודיאיזיה
PD