

Kidney transplant: From bench to clinical practice

Poster Session 48

Sunday, 13 March
14:00 - 15:30

Location: Room London (Hall B2, level 0)

Chairs: A. Breda, Barcelona (ES)
A.J. Figueiredo, Coimbra (PT)

Aims and objectives of this presentation

To review the latest advances in kidney preservation as well as molecular basis of transplant.

Poster viewing of 20 minutes. Presentations will take place on stage. Standard presentations are 2 minutes in length, followed by 2 minutes for discussion. Extended presentations (*) are 3 minutes in length, followed by 3 minutes for discussion.

- *596 **Five-year clinical effects of donor bone marrow cells infusions in kidney allograft recipients**
By: Pourmand G.¹, Solgi G.², Gadi V.³, Paul B.³, Mytilineos J.⁴, Mehrsai A.¹, Ranjbar M.¹, Mohammadnia M.⁵, Nikbin B.⁶, Amirzargar A.A.⁶
Institutes:¹Tehran University of Medical Sciences, Urology Research Center, Tehran, Iran, ²Hamadan University of Medical Sciences, Dept. of Immunology, Hamadan, Iran, ³Fred Hutchinson Cancer Research Center, Dept. of Clinical Research, Seattle, United States of America, ⁴University Hospital Ulm, Dept. of Transplantation Immunology, Ulm, Germany, ⁵Torbiat Modares University, Dept. of Immunology, Faculty of Medical Sciences, Tehran, Iran, ⁶Tehran University of Medical Sciences, Modares University, Dept. of Molecular Immunology Research, Tehran, Iran
- *597 **What should be moved, graft or machine? Travel strategy in an Expanded Criteria Donor Program. Organ Procurement and Transplant Organizations (OPO) perspective**
By: Burgos Revilla F.J.¹, Gómez V.¹, Díez-Nicolás V.¹, Alvarez S.¹, Hevia V.¹, Martínez A.², Martínez L.¹, Fernández A.¹, Jiménez S.³, Arias F.¹, Rodríguez-Patrón R.¹, Jiménez M.¹
Institutes:¹Hospital Universitario Ramón y Cajal, Dept. of Urology, Madrid, Spain, ²Hospital Universitario Ramón y Cajal, Transplantation Coordination, Madrid, Spain, ³Hospital Universitario Ramón y Cajal, Dept. of Nephrology, Madrid, Spain
- *598 **Is a short pulsatile hypothermic perfusion just before the transplant beneficial for the graft in the setting of warm ischemic kidneys?**
By: Lledo García E.¹, Humanes Sanchez B.², Agra Pujol C.³, Hernandez Fernandez C.¹, Del Cañizo Lopez J.F.⁴, Tejedor Jorge A.⁵, Lazaro Fernandez A.²
Institutes:¹Instituto De Investigacion Sanitaria Gregorio Marañón, Dept. of Urology, Madrid, Spain, ²Instituto De Investigacion Sanitaria Gregorio Marañón, Dept. of Experimental Nephrology, Madrid, Spain, ³Instituto De Investigacion Sanitaria Gregorio Marañón, Dept. of Pathology, Madrid, Spain, ⁴Instituto De Investigacion Sanitaria Gregorio Marañón, Dept. of Experimental Bio-Engineering, Madrid, Spain, ⁵Instituto De Investigacion Sanitaria Gregorio Marañón, Dept. of Experimental Nephrology-CHAIR, Madrid, Spain
- *599 **MicroRNAs in kidney graft hypothermic machine perfusion fluid as novel biomarkers for graft function: Panel validation**
By: Gomez Dos Santos V.¹, Rodríguez-Serrano M.², Carracedo D.¹, Orosa A.¹, García-Bermejo L.², Ramos E.², Díez-Nicolás V.¹, Alvarez S.¹, Hevia V.¹, Martínez A.³, Jiménez S.⁴, Torres A.M.⁵, Martínez L.¹, Fernández A.¹, Burgos F.J.¹
Institutes:¹Hospital Universitario Ramón y Cajal, Dept. of Urology, Madrid, Spain, ²Hospital Universitario Ramón y Cajal, Biomarkers and Therapeutic Targets Group, Madrid, Spain, ³Hospital Universitario Ramón y Cajal, Transplantation Coordination, Madrid, Spain, ⁴Hospital Universitario Ramón y Cajal, Dept. of Nephrology, Madrid, Spain, ⁵Hospital Universitario Ramón y Cajal, Biobank, Madrid, Spain

- *600 **Association of early kidney allograft failure with preformed IgA antibodies to α 2-glycoprotein I**
By: De La Rosa Kehrmann E.¹, García González L.¹, Martínez-Flores J.A.², Duarte Ojeda J.M.¹, Pamplona Casamayor M.¹, Rodríguez Antolín A.¹, Passas Martínez J.¹
Institutes:¹Hospital Universitario 12 de Octubre, Dept. of Urology, Madrid, Spain, ²Hospital Universitario 12 de Octubre, Dept. of Immunology, Madrid, Spain
- *601 **Similarities between remote ischemic postconditioning and ischemic postconditioning in canine models undergoing warm ischemic and renal autotransplantation**
By: Jiang B.T.¹, Chen Q.², Liu X.³
Institutes:¹Xianning Central Hospital, Hubei Province, Dept. of Urology, Xianning, China, ²Xianning Central Hospital, Hubei Province, Dept. of Respiratory Medicine, Xianning, China, ³Renmin Hospital of Wuhan University, Dept. of Urology, Wuhan, China
- *602 **Syngic acid preconditioning improves kidney ischemia-reperfusion**
By: Sancak E.B.¹, Akbas A.¹, Silan C.², Cakir D.Ü.³, Sidika Seyma O.⁴
Institutes:¹Canakkale Onsekiz Mart University, Faculty of Medicine, Dept. of Urology, Canakkale, Turkey, ²Canakkale Onsekiz Mart University, Faculty of Medicine, Dept. of Pharmacology, Canakkale, Turkey, ³Canakkale Onsekiz Mart University, Faculty of Medicine, Dept. of Biochemistry, Canakkale, Turkey, ⁴Göztepe Training and Research Hospital, Dept. of Pathology, Canakkale, Turkey
- *603 **Myeloid heme oxygenase-1 controls renal ischemia reperfusion injury**
By: Rossi M.¹, Thierry A.², Preyat N.³, Delbauve S.², Leo O.³, Roumeguère T.¹, Flamand V.², Le Moine A.⁴, Hougardy J-M.⁴
Institutes:¹Erasmus Hospital, Dept. of Urology, Brussels, Belgium, ²Université Libre De Bruxelles, Institute for Medical Immunology, Gosselies, Belgium, ³Université Libre De Bruxelles, Institute for Molecular Biology and Medicine, Gosselies, Belgium, ⁴Erasmus Hospital, Dept. of Nephrology, Brussels, Belgium
- *604 **Serum N-glycan profiling predict antibody mediated rejection in patients undergoing living kidney transplantation**
By: Noro D.¹, Yoneyama T.², Tobisawa Y.¹, Hatakeyama S.¹, Saito M.³, Hashimoto Y.², Koie T.¹, Sato S.³, Ohyama C.¹
Institutes:¹Hirosaki University School of Medicine, Dept. of Urology, Hirosaki, Japan, ²Hirosaki University School of Medicine, Dept. of Advanced Transplantation & Regenerative Medicine, Hirosaki, Japan, ³Akita University Graduate School of Medicine, Dept. of Urology, Hirosaki, Japan
- *605 **Reno-protective effect of local sildenafil administration in canine model of renal ischemia reperfusion injury**
By: Zahran M., Mosbah A., Nabeeh A., Shokeir A.A.
Institutes:Urology and Nephrology Center, Dept. of Urology, Mansoura, Egypt
- *607 **Analysis of factors that prescribes the compensatory hypertrophy ratio of the transplanted kidney**
By: Kato M., Fujita T., Funahashi Y., Ishida S., Gotoh M.
Institutes:Nagoya University Graduate School of Medicine, Dept. of Urology, Nagoya, Japan
- 15:13 - 15:20 **Summary and context**
A.J. Figueiredo, Coimbra (PT)