Kidney transplant: From bench to clinical practice

**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.

---

**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, Ranjarb M.1, Mohammadnia M.5, Nikbin B.6, Amizargar 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, 5Torbat 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

---

**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, Diez-Nicolás V.2, Alvarez S.2, Hevia V.1, Martinez A.2, Martinez L.1, Fernández A.1, Jiménez S.2, 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

---

**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.1, Tejedor Jorge A.3, Lazaro Fernandez A.2

**Institutes:** 1Instituto De Investigacion Sanitaria Gregorio Marañon, Dept. of Urology, Madrid, Spain, 2Instituto De Investigacion Sanitaria Gregorio Marañon, Dept. of Experimental Nephrology, Madrid, Spain, 3Instituto De Investigacion Sanitaria Gregorio Marañon, Dept. of Pathology, Madrid, Spain, 4Instituto De Investigacion Sanitaria Gregorio Marañon, Dept. of Experimental Bio-Engineering, Madrid, Spain, 5Instituto De Investigacion Sanitaria Gregorio Marañon, Dept. of Experimental Nephrology-CHAIR, Madrid, Spain

---

**MicroRNAs in kidney graft hypothermic machine perfusion fluid as novel biomarkers for graft function: Panel validation**
By: Gomez Dos Santos V.1, Rodriguez-Serrano M.2, Carracedo D.1, Orosa A.1, Garcia-Bermejo L.2, Ramos E.2, Diez-Nicolás V.3, Alvarez S.3, Hevia V.3, Martinez A.3, Jiménez S.4, Torres A.M.5, Martinez L.4, Fernandez 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

---
Poster Session 48

*600

**Association of early kidney allograft failure with preformed IgA antibodies to β2-glycoprotein I**

By: De La Rosa Kehrmann F.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:** Hospital 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:** Xianning 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 Pathology, Wuhan, China

*602

**Syringic acid preconditioning improves kidney ischemia-reperfusion**

By: Sancak E.B.1, Akbas A.1, Silan C.2, Cakir D.O.3, Sidika Seyma O.4

**Institutes:** Canakkale 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.2, Roumeguère T.1, Flamand V.2, Le Moine A.4, Hougardy J-M.4

**Institutes:** Erasmus 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:** Hirosaki 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)