

Belgian Transplantation Society

‘Boundaries in Transplantation Medicine’ ‘Boundaries Reimagined: Examining the Limits’

Friday, 15th March 2024

Sparks

Ravenstein 60

1000 Brussels

8.30 **Welcome**

D. Mikhalski, BTS President

8.40 **Free Abstract session**

Moderators: C. Randon, J. Pirenne

8.40 **Preliminary results of a prospective trial investigating the safety of intermittent surface oxygenation as compared with continuous surface oxygenated hypothermic machine-perfused kidneys donated after cardiocirculatory death.**

G. Bale¹, A. Channaoui¹, Ph.Kron², A. Buemi¹, A. Devresse¹, M. De Meyer¹, M. Mourad¹, Ph. Dutkowski¹, T. Darius¹

UcLouvain, Louvain-en-Woluwe, Belgium ; ²University Hospital Zurich, Zurich, Switzerland.

8.50 **Pediatric living donor liver transplantation in Belgium: a failure-to-rescue analysis of recipient surgical complications after 500 primary grafts.**

A. Channaoui, R. Tambucci, C. Demagnee, R. Reding

UcLouvain, Louvain-en-Woluwe, Belgium.

9.00 **Development of a model of simultaneous normothermic perfusion of kidney grafts in the pig.**

M. Navez, T. Pinto Coelho, W. El Karouni, P. Erpicum, M. Vandermeulen, M. G.Lagny, J.-P. Cheramy, N. Gilbo, C. Malisoux, C. Guarin, G. Thierry, P. Delanaye, E. Cavalier, F. Jouret, O. Detry
ULiège, Liège, Belgium.

9.10 **Prolonged machine perfusion to study kidney regeneration induced by kidney stem/progenitor cells.**

S. Akalay¹, S. A. Hosgood², M. L. Nicholson², L. van den Heuvel¹, T. Devos¹, F. Oliveira Arcolino³, E. Levtchenko³.

¹KuLeuven, Leuven, Belgium; ²Cambridge University, Cambridge, UK; ³UMC, Amsterdam, The Netherlands.

9.20 **Probable antibody mediated rejection in kidney transplantation: a retrospective cohort study.**

K. Wellekens, M. Coemans, J. Callemeyn, E. Cleenders, T. Debyser, M.-P. Emonds, J. Kerkhofs, P. Koshy, D. Kuypers, A. Pagliuzzi, C. Roufosse, A. Senev, E. Van Loon, Th. Vaulet, M. Naesens.

KuLeuven, Leuven, Belgium.

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- d9.30 Ferroptosis inhibition reduces ischemia reperfusion injury in a preclinical model of liver transplantation after circulatory death.**
L. Devos¹, N. Gilbo^{1,2}, J. Blondeel¹, T. Vanden Berghe³, J. Pirenne¹, D. Monbaliu¹, I. Jochmans¹
¹KuLeuven, Leuven; ²CHU Liège; ³UZAntwerpen, Belgium.
- 9.40 Longer lung implantation and associated rewarming ischemia time results in upregulation of pro-inflammatory mediators in clinical lung.**
J. Van Slambrouck, E. Prisciandaro, A.-L. Provoost, A. Barbarossa, Ch. Vandervelde, X. Jin, I. Cenik, M. Orlitová, J. Kaes¹, R. Novysedlák¹, Ch. Schoenaers¹, S. Fieuws³, T. Wylín⁴, P. De Leyn^{1,2}, H. Van Veer, L. Depypere, Y. Jansen, J. Pirenne, B. Vanaudenaerde, R. Vos, D. Van Raemdonck, L. J. Ceulemans
KuLeuven, Leuven, Belgium.
- 9.50 Effective and swift delivery of functional reporter proteins to the lung using virus-like particles: a first proof-of-concept study in the rat ex-vivo lung perfusion model.**
J. Van Slambrouck, Ph. Kortleven, A. Barbarossa, N. Jannis, D. Van Raemdonck, B. Vanaudenaerde, R. Vos, R. Gijsbers, M. S. Carlon, L. J. Ceulemans.
KuLeuven, Leuven, Belgium.
- 10.00 Controlled hypothermic static lung storage with portable preservation device: a single-centre 1 year experience.**
A.-L. Provoost, J. Van Slambrouck, E. Prisciandaro, R. Novysedlak, Ch. M. Vandervelde, A. Barbarossa, X. Jin, K. Denaux, P. De Leyn, H. Van Veer, L. Depypere, Y. Jansen, J. Pirenne, A. Neyrinck, S. Bouneb, C. Ingels, B. Jacobs, L. Godinas, L. De Sadeleer, R. Vos, D. Van Raemdonck, L. J. Ceulemans.
KuLeuven, Leuven, Belgium.
- 10.10 A competing risks model to estimate the risk of graft failure and patient death after kidney transplantation using continuous donor-recipient age combinations.**
M. Coemans¹, H. Tran Thuong², B. Döhler³, A. Massie³, G. Verbeke⁴, D. Segev³, S. Gentry³, M. Naesens¹
¹KuLeuven, Leuven, Belgium; ²University of Heidelberg, Heidelberg, Germany; ³NYU Grossman School of Medicine, New York, U.S.A, ⁴Universiteit Hasselt & KuLeuven, Hasselt, Leuven, Belgium.
- 10.20 The strategy of delayed DBD expands organ donation opportunities.**
A. Vanmarcke¹, P. Lormans², P. Ferdinande¹, D. Monbaliu¹
¹KuLeuven, Leuven, ²AZ Delta, Roeselare, Belgium.
- 10.30 Impact of donor derived cell free DNA fraction assessment in monitoring kidney transplant recipients: insights from a European prospective cohort study.**
A. Pagliuzzi, K. Wellekens, H. de Loor, Th. Vaulet, Th. Viard, N. Tangprasertchai, S. Casas Fontdevila, R. Woodward, M. Naesens
KuLeuven, Leuven, Belgium.

10.40 Coffee break

11.15 **PhD presentations**

Moderators : G. Roeyen, Y. Van Belleghem

Mesenchymal stromal cells in liver transplantation: translational investigations from a phase I-II clinical trial to a rodent model of acute graft rejection.

M. Vandermeulen

ULiège, Liège, Belgium

Co-promotors: O. Detry, F. Jouret

When high-risk becomes the new normal. Clinical and experimental studies to optimize procurement methods, preservation strategies and recipient selection in liver transplantation.

J. Blondeel

KuLeuven, Leuven, Belgium

Co-promotors: N. Gilbo, H. Korf; R. Porte, D. Monbaliu

Donor pancreas conditions that preserve therapeutic potential of human islet cell preparations

D. De Paep

UZBrussel, Jette, Belgium

Co-promotor: D. Jacobs-Tulleneers-Thevissen

12.00 **Thoracic and Abdominal Transplantation – how I all started in Belgium**

Moderators : D. Mikhalski, A. Poncelet

Laudatio – Tribute to Georges Primo – 50th year of Heart Transplantation;

M. Antoine, Brussels, Belgium

The history of Pancreas Transplantation with a Belgian Insight

J.P. Squifflet, Brussels, Belgium

12.45 **Lunch**

13.30 **General Assembly**

Agenda

- * BTS Bylaws
- * BTS Financial situation – 2023 balance / 2024 budget (N. Meurisse)
- * Election of new Board: President, Secretary General, Treasurer
- * New and dismissed BTS members
- * Annual report from the Transplant coordinators Nelly Mauws
- * Miscellaneous

14.00 **BTS Awards session**

Moderators : D. Mikhalski, E. Hoste, N. Meurisse

- * 2023 BTS Award. KARMA study, which investigates the effect of repeat HLA mismatches in a Belgian cohort of 2nd kidney transplant recipients
- * Van Damme Pediatric Award.
- * BTS Best abstract Award.
- * BTS Donation Award.

14.45 **Improvement of the outcomes in transplantation: too old & immunized?**

Moderators : T. Darius, L. Weekers

Concepts in induction therapy and future outlooks
Th. Soliman, Vienna, Austria

Improving outcomes after transplantation of older donor's kidneys: need for innovations and multiple interventions.
K.M. Wissing, Brussels, Belgium

The section of Imlifidase: Belgian and French protocol
D. Kuypers Leuven, Belgium, L. Couzi, Bordeaux, France

Debate

15.45 **Coffee Break**

16.00

Organ donation after euthanasia

Moderators : D. Ysebaert, D. Ledoux

Euthanasia outside the OR

K. Van Beek, Leuven, P. Massion, Liège, Belgium

ODEH or Euthanasia at home and transport to the OR

J. Mulder, Zwolle, The Netherlands

The euthanasia-donation sequence in the OR

M. De Laat, Gent, P. Cras, Antwerpen, Belgium

Debate

17.00

Balancing the risk of malignancy in organ transplantation.

Moderators : V. Hartman, K.M. Wissing

Risk of cancer recurrence in the recipient

A. Lemoine, Bruxelles, Belgium

Risk of cancer transmission from the donor

O. Detry, Liège, Belgium

Cancer as indication for liver transplantation

H. Eker, Ghent, Belgium

Debate

18.00

End of the congress

PRACTICAL INFORMATION

Venue Sparks, rue Ravenstein straat 60, 1000 Brussels
Within walking distance from Brussels Central train station and public transport.
Car park: Parking Grand Place – Grote Markt or Albertina Parking

Registration via www.transplant.be

Rates	Emeriti	free
	BTS Member	20,00 €
	BTS non membership	80,00 € (one year BTS affiliation included)

Deadline for registration Sunday, 10th March 2024 (midnight).