

Belgian Transplantation Society

'New Strategies for Organ Preservation'

On-site Meeting

Friday, 17th March 2023
Royal Library of Belgium
Kunstberg – Mont des Arts,
1000 Brussels

08.30 Welcome

D. Mikhalski, BTS President

08.40 Best abstract session (8+2 minutes)

Moderators: K.M. Wissing (UZ Brussel)
A. Poncelet (UCL - ST Luc)

8.40 **Semaglutide for obese or overweight dialyzed patients to access kidney transplantation list.**

Y. Mourabit, S. Jenard, D. Mikhalski, Ch. Addino, A. Le Moine
HuBruxelles, Bruxelles, Belgium.

8.50 **Histological screening for BK polyomavirus nephropathy following viral replication in plasma: an observational cohort study.**

E. Cleenders¹, P. Koshy¹, E. Van Loon¹, K. Lagrou¹, K. Beuselinck¹, G. Andrei¹, M. Crespo², K. De Vusser¹, D. Kuypers¹, E. Lerut¹, K. Mertens¹, O. Mineeva-Sangwo¹, P. Randhawa³, A. Senev¹, R. Snoeck⁴, B. Sprangers⁵, C. Tinel⁶, A. Van Craenenbroeck¹, J. van den Brand⁷, M. Van Ranst¹, G. Verbeke¹, M. Coemans¹, M. Naesens¹

¹KuLeuven, Leuven, Belgium; ²Hospital Del Mar, Barcelona, Spain; ³Hospital Pittsburgh, PA, USA; ⁴HuBruxelles, Bruxelles; ⁵Ziekenhuis Oost Limburg, Genk, Belgium; ⁶Inserm, Paris, France; ⁷Erasmus Ziekenhuis, Rotterdam, The Netherlands.

9.00 **Can DCD grafts be safely used for liver transplantation in patients with portal vein thrombosis?**

J. Blondeel¹, W. van der Plas², O. Van Leeuwen², L. Nieuwenhuis², T. Lisman², V. de Meijer², D. Monbaliu¹, R. Porte³.

¹KuLeuven, Leuven, Belgium; ²Umcg, Groningen; ³Erasmus ziekenhuis, Rotterdam, The Netherlands.

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- 9.10 **Pumpless intra-operative circulatory support during lung transplantation: pulmonary artery to left atrium oxygenator in a porcine model of pulmonary ischemia-reperfusion injury.**
M. Orlitova, D. Van Beersel, A. Frick, K. Van de Voorde, K. Degezelle, J. Hellinck, M. Nolmans, B. Vanaudenaerde, G. Verleden, R. Vos, P. Claus, D. Van Raemdonck, L. Ceulemans, T. Verbelen, A. Neyrinck.
KuLeuven, Leuven, Belgium.
- 9.20 **Non-anastomotic biliary strictures after liver transplantation are induced by partially modifiable ischemic factors.**
V. Lucidi, D. Germanova, M. Pezzulo, A. Lemmers, N. Boon, D. Degré, V. Donckier, C. Moreno, T. Gustot.
HuBruxelles, Bruxelles, Belgium
- 9.30 **Long-term outcome after non-vascularized rectus fascia transplantation in solid organ transplantation: a global multi-centre IRTA survey.**
N. Van de Winkel¹, E. Muylle¹, E. Canovai², I. Amin², R. Vianna³, P. Farinelli⁴, G. Gondolesin⁴, C. Loinza⁵, I. Justo⁵, H. Vilca-Melendez⁶, U. Skogsberg⁷, G. Herlenius⁷, A. Shamsaeefar⁸, H. Nikoupour⁸, A. Dubois¹, J. Pirenne¹, M. Miserez¹, A. D’Hoore¹, R. Venick⁹, L. Ceulemans¹.
¹KuLeuven, Leuven, Belgium; ²UCambridge, Cambridge, UK; ³UMiami, Miami, USA; ⁴Favaloro Hospital, Buenos Aires, RA; ⁵UHMadrid, Madrid, E; ⁶King’s College, London, UK; UHGothenborg, Gothenborg, S; ⁸ UShiraz, Shiraz, IR; ⁹Mattel Hospital UCLA, Los Angeles, Ca, USA.
- 9.40 **Operability of the Banff “v” lesion score in DSA positive mixed rejection.**
K. Wellekens, P. Koshy, T. Debyser, E. Cleenders, M-P. Emonds, D. Kuypers, A. Senev, E. Van Loon, M. Coemans, M. Naesens.
KuLeuven, Leuven, Belgium.
- 9.50 **The renal transcriptome differs between donors after circulatory death and donors after brain death, which may influence the efficiency of ischemic preconditioning.**
T. Pinto Coelho, P. Erpicum, M. Navez, C. Zhang, L. Poma, O. Detry, F. Jouret.
ULiège, Liège, Belgium.
- 10.00 **Off-pump lung re-transplantation avoiding clamshell thoracotomy is feasible and safe: a single-centre experience.**
X. Jin, C. Vanluyten, M. Orlitova, J. Van Slambrouck, R. Vos, G. Verleden, L. Godinas, A. Neyrinck, C. Ingels, B. Vanaudenaerde, P. De Leyn, H. Van Veer, L. Depypere, Y. Zhang, D. Van Raemdonck, L. Ceulemans.
KuLeuven, Leuven, Belgium.
- 10.10 **Calling into question the added value of the ‘ptc rule’ in classifying kidney transplant rejection.**
K. Wellekens, P. Koshy, T. Debyser, M-P. Emonds, D. Kuypers, A. Senev, E. Van Loon, M. Coemans, M. Naesens.
KuLeuven, Leuven, Belgium.

Coffee Break

10.45 **PhD-session** (15+5 minutes)

Moderators: J. Pirenne (UZ Leuven)
I. Jochmans (UZ Leuven)

10.45 **The road towards reducing preservation injury and predicting donor kidney viability**

J. De Beule, B. Ghesquière, I. Jochmans.
KuLeuven, Leuven, Belgium.

11.05 **Histopathology of human islet cell implants: contribution to insights in their function**

F. Van Hulle.
UZBrussel, Brussel, Belgium.

11.25 **New insights in the management of infectious diseases in kidney transplant patients and dialysis patients.**

V. Wijtvliet.
UAntwerpen, Antwerpen, Belgium.

11.45 **General Assembly of the Belgian Transplantation Society**

Nomination of the new BTS President (*needs to be officialised at G.A.*)

Report of the Treasurer

N. Meurisse (ULg, Liège, Belgium)

Report of the Transplant coordinators

A. Mauws (UZ Gent, Gent, Belgium)

Presentation of the BTS website

T. Darius (UCL, ST. Luc)

Overview on the National HMP protocol

T. Darius (UCL, ST. Luc)

Approval new BTS members

Approval of the change in bylaws cfr new law on asbl/vzw.

Lunch, posters and sponsor interactions

14.00 **Organ preservation: new techniques lead to new jobs**

Moderators: V. Hartman (UZ Antwerpen)
O. Ciccarelli (UCL St. Luc)

Invited lectures

Hypothermic machine perfusion for kidney preservation with or without oxygenation: insights in the molecular mechanisms behind the benefits and correlation with outcome
B. Maria Kaiser (Oxford) 20 min. + 10 min.

Organ perfusionist, a new job in transplantation and here to stay
V. Lantinga (UMC Groningen) – 20 min. + 10 min.

Belgian experience

Organ perfusionists in Belgium – creation of a new BTS section
F. Gaublomme / K. Vandewiele (BelSECT) 15 min.

Thoraco-abdominal normothermic regional perfusion in donors after circulatory death
Didier Ledoux (CHU Liège) (15 min.)

Coffee break

16.00 **Organ preservation: where are we now and where do we go from here?**

Moderators:
E. Hoste (UZ Gent)
P. Evrard (UCL Montgodinne)

Kidney: I. Jochmans (UZ Leuven) (15 min.)

Lung: L. Ceulemans (UZ Leuven) (15 min.)

Heart: F. Rega (UZ Leuven) (15 min.)

Liver: N. Gilbo (CHU Liège) (15 min.)

Discussion.

PRACTICAL INFORMATION

Mandatory registration by sending a message to info@transplant.be (**latest by 15th March 2023**)

Registration rates:

| | | |
|---|---|-------------|
| BTS members (having settled their 2023-membership fee of 50.00 €) | : | Free |
| Trainees (BTS member or non member). Proof of status required | : | Free |
| BTS non member | : | 80,00 € |

to be settled onto BTS bank account number

BE64 2400 7786 6752

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Clearly mentioning your name and surname, please!

Cash payment on-site registration during the meeting will be possible