

Banff Liver Sessions Summary 2017

- **Identify problems**
- **Present data, discuss, and exchange ideas**
- **When mature propose common language and criteria**
- **Foster collaborations (working groups):**
 - **identify leadership(-s) and form working groups willing to focus on specific problems/areas of interest**
- **Enjoy and participate!**

Areas of Emphasis

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- **Extra-corporeal mechanical perfusion**
 - adds parameters other than clinical history, appearance, and biopsy findings that can be used to assess donors
 - how biopsies can assist and what should be evaluated:
 - current state of organ
 - monitoring therapeutics (de-fattening, immunological modifications, etc.)
- **Evaluation of long-surviving allografts**
 - chronic AMR/tolerance monitoring
 - **CHALLENGE:** pathophysiologically linking (or not) DSA to tissue pathology in chronic AMR
 - better risk stratification of DSA+ recipients
- **Introduction of molecular platforms**

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Robert Porte, University of Groningen, Groningen The Netherlands: “The prospects of extra-corporeal machine perfusion of donor livers”.

Annette Gouw, University of Groningen, Groningen The Netherlands: “Pathology of Extra-corporeal perfusion of Liver Allografts - what to examine and how does it correlates with outcome”.

Stefan Hubscher, Birmingham, UK: "A Pathologists Guide to Evaluating the Long-Surviving Allograft: important features, stains, and approach to better understanding of chronic AMR".

Carla Venturi Monteagudo, Pediatric Surgery and Transplant Unit, Cliniques Universitaires Saint-Luc, Brussels, Belgium: "Fibrosis and Structural Decline of Liver Allografts: what and how to measure and potential underlying causes

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Sandy Feng, University of San Francisco, San Francisco, US "Serum DSA in long-surviving liver allograft recipients: an algorithmic approach to determine potential clinical significance"

Alberto Sanchez-Fueyo, King's College London, UK: “Focusing the “molecular microscopic” on liver allografts: integration of genomics and tissue pathology”.

Richard Taubert, Hannover Medical School, Hannover, Germany: Subclinical liver allograft rejection and "tolerance-related" liver infiltrates”.

Michael Mengel, University of Alberta, Alberta, Canada Nanostrings Platform How Does it Complement Traditional Pathology