## 21st NAT Congress: When Stem Cells Meet Immunology

### Session I – Clinical application of Pluripotent stem cells (PSCs)
**Chairpersons:**
- 8.15: Registration and welcome coffee/tea
- 8.45: Welcome speech – Tuan Huy Nguyen
- 9.00: Cell based therapy against liver diseases using human pluripotent stem cells – Ludovic Vallier (Cambridge, UK)
- 9.30: De novo generation of diverse organ buds from stem cells – Takanori Takebe (Yokohama, Japan)
- 10.00: Human pluripotent stem cells and regenerative medicine: the example of the eye – Christelle Monville (Evry, France)
- 10.30: Coffee break / Exhibition / Posters
- 11.00: MSC for cardiac cell therapy – Guillaume Lamirault (Nantes, France)
- 11.30: Selected communications
- 12.00: Lunch and poster viewing session

### Session II – Generation of immune cells from PSCs
**Chairpersons:**
- 2.00: Generation of hematopoietic stem cells – Luc Douay (Paris, France)
- 2.30: Generation of T cells - Maria Themeli (Amsterdam, Pays Bas)
- 3.00: Directed Differentiation of Dendritic Cells from Induced Pluripotent Stem Cells - Paul Fairchild (Oxford, UK)
- 3.30: Coffee break / Exhibition / Posters
- 4.00: Human pluripotent stem cell-derived natural killer cells for anti-cancer therapy – Dan S. Kaufman (San Diego, USA)
- 4.30: Selected communications
- 6.30 pm: Social Event + Gala Dinner

### Session III – Interplay between stem cells and immune responses
**Chairpersons:**
- 9.00: The immunogenicity and immune tolerance of pluripotent stem cell based therapy – Yang Xu (San Diego, USA)
- 9.30: Immunomodulation and immunogenicity of human msc-like cells: What did we learn from in vitro and in vivo studies – Hans-Dieter Volk (Berlin, Allemagne)
- 10.00: Coffee break / Posters
- 10.30: Mesenchymal stem cells as therapeutic tools for the treatment of rheumatoid arthritis– Farida Djouad (Montpellier, France)
- 11.00: Biomaterial treated DC and immune response – Julia Babensee (Atlanta, USA)
- 11.30: Selected communications
- 12.00: Lunch and poster viewing session

### Session IV – Overcoming immunological barriers
**Chairpersons:**
- 1.30: Tolerance induction by selective CD28 blockade – Bernard Vanhove (Nantes, France)
- 2.00: Application of Immunomodulatory MSCs to Corneal Disease – Matthew Griffin (Galway, Ireland)
- 2.30: Coffee break / Posters
- 3.00: The immunogenicity of therapeutic MSC – Martin Hoogduijn (Rotterdam, Pays Bas)
- 3.30: MSC therapy for GvHD – Karen English (Maynooth, Ireland)
- 4.00: Awards distribution
- 4.30: End of meeting

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**Local Organizing Committee:**
Tuan Huy Nguyen (Chairman)
Ignacio Anegon, Sophie Brouard, Laurent David, Carole Guillonneau: ITUN - CRTI - Inserm UMRS 1064
Jérôme Guicheux, Catherine Le Visage: LIOD-Inserm UMRS 791
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