

THE USE OF CELL THERAPIES FOR AUTOIMMUNE DISEASES: MESENCHYMAL STEM CELLS (MSC) FROM BIOLOGY TO CLINICAL APPLICATION

 25-26 January 2024

 Hôpital Saint-Louis AP-HP
Paris, France

What you will learn:

- Foundational knowledge about MSC Biology
- Process behind production, regulation, and quality of MSC cell products
- Clinical applications of MSCs for autoimmune diseases
- Key principles for developing clinical trials

**REGISTER
NOW**
Space is Limited

Program Overview

DAY ONE - January 25

12:00 - 14:45

MSC for Treating Patients with Autoimmune Diseases: Dream or Reality?

Dominique Farge (Internal Medicine), Paris, France

MSC Biology

Karin Tarte (Immunology), Rennes, France

Umbilical Cord Blood Biology

Gesine Kogler (Cell therapy), Düsseldorf, Germany

Paracrine Mechanisms of MSCs in Tissue Repair

Massimiliano Gnecci (Cardiology), Pavia, Italy

15:15 to 17:30

Production, regulation and quality of MSC cell products

Fermin Sanchez-Guijo (Haematology), Salamanca, Spain

MSC – the first success to ongoing developments (GVHD)

Katarina Le Blanc (Cell therapy), Stockholm, Sweden

MSC for Crohn's Disease

Damian Garcia-Olmo (Digestive surgery), Madrid, Spain

MSC for GI Diseases in Europe

Rachele Ciccocioppo (Gastroenterology), Verona, Italy

DAY TWO - January 26

8:30 to 10:15

Regulatory Framework for MSC Application in EMA

Lindsay Davies (Cell therapy), Stockholm, Sweden

MSC Umbilical Cord Blood Production for Clinical Trial?

Mark Lowdell (Cell therapy), London, United Kingdom

Clinical Trial Design using MSC to Treat AD: How to Face Heterogeneity?

Lucie Biard (Biostatistics), Paris, France

10:45 to 13:00

MSC for RA joints

Yves-Marie Pers (Rheumatology), Montpellier, France

MSC for Systemic Sclerosis

Dominique Farge (Internal Medicine), Paris, France

MSC for SLE

Lingyun Sun (Rheumatology), Nanjing, China and Gary Gilkeson

(Rheumatology - Immunology), Charleston, USA

Discussion on MSC in Rheumatic Diseases

14:00 to 17:30

MSC for Neurological Diseases

Antonio Uccelli (Neurology), Genoa, Italy

MSC for Autism

Joanne Kurtzberg (Pediatrics cell therapy), Durham, USA

Discussion

Dominique Farge (Internal Medicine), Paris, France and Fermin

Sanchez-Guijo (Haematology), Salamanca, Spain

Manuscript Discussion - Recommendations for Clinical Trials

(All attendees)

Register Now!



Contact raymond@isctglobal.org
for more information

Host Institution:



**Hôpital
Saint-Louis
AP-HP**

Unrestricted Educational Grant Provided by:



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This course has been accepted
by the European Board for
Accreditation in Hematology
(EBAH). This course consists of
12 CME credits.



ISCT Educational Course
**The Use of Cell Therapies for Autoimmune Diseases:
 MSCs from Biology to Clinical Application**

January 25-26 - Paris, France
AP-HP St-Louis, Paris University

DAY 1 – January 25

12:00 – 12:45 **Arrival refreshments**

12:45 – 13:00 **Introduction – MSC for Treating Patients with Autoimmune Diseases: Dream or Reality?**

Dominique Farge, MD, PhD, Professor of Internal Medicine, AP-HP St-Louis, Paris University, France

Co-Moderators: *Damian Garcia-Olmo, MD, PhD, Professor of Surgery, Autonomous University of Madrid, Spain and Mark Lowdell, PhD, Professor, Institute of Immunity & Transplantation, Royal Free Hospital, United Kingdom*

13:00 – 13:30 **Mesenchymal Stem Cell (MSC) Biology**
 (presentation + discussion)

Karin Tarte, Pharm D, PhD, Director UMR U1236-MOBIDIC, Head of Honeycomb Research Team, Head of the Immunology Lab at Rennes University Hospital, Head of Rennes Immunomonitoring Platform (SITI), Medical School of Rennes, France

13:30 – 14:00 **Umbilical Cord Blood Biology**
 (presentation + discussion)

Gesine Kogler, PhD, Professor, Heinrich Heine University Düsseldorf, Germany

14:00 – 14:30 **Paracrine Mechanisms of Mesenchymal Stem Cells in Tissue Repair**
 (presentation + discussion)

Massimiliano Gneccchi, MD, PhD, FESC, Associate Professor of Cardiology, University of Pavia, Italy

14:30 – 14:45 Group discussion

14:45 – 15:15 **Coffee Break**

Co-Moderators: *Karin Tarte, Pharm D, PhD, Director UMR U1236-MOBIDIC, Head of Honeycomb Research Team, Head of the Immunology Lab at Rennes University Hospital, Head of Rennes Immunomonitoring Platform (SITI), Medical School of Rennes, France and Dominique Farge, MD, PhD, Professor of Internal Medicine, AP-HP St-Louis, Paris University, France*

15:15 – 15:45 **Production, regulation and quality of MSC cell products**
 (presentation + discussion)

Fermin Sanchez-Guijo, MD, PhD, Head of Section, Hematology Department, University Hospital of Salamanca, Spain

- 15:45 – 16:15** **Success Stories**
MSC – the first success to ongoing developments (GVHD)
 (presentation + discussion)
Katarina Le Blanc, MD, PhD, Professor, Karolinska Institute, Sweden
- 16:15 – 16:35** **MSC for Crohn's Disease**
 (presentation + discussion)
Damian Garcia-Olmo, MD, PhD, Professor of Surgery, Autonomous University of Madrid, Spain
- 16:35 – 16:55** **MSC for GI Diseases in Europe**
 (presentation + discussion)
Rachele Ciccocioppo, MD, Associate Professor of Gastroenterology, University of Verona, Italy
- 16:55 – 17:10** **Group discussion**
17:10 – 17:30 **Wrap-up Day 1**

DAY 2 – January 26

08:00 – 08:30 **Arrival refreshments**

Co-Moderators:

Fermin Sanchez-Guijo, MD, PhD, Head of Section, Hematology Department, University Hospital of Salamanca, Spain and Katarina Le Blanc, MD, PhD, Professor, Karolinska Institute, Sweden

08:30 – 09:15 **Regulatory framework for MSC application in EMA**
 (presentation + discussion)
Lindsay Davies, BSc (Hons), PhD, FHEA, CEO and Founder CellTherEx Consulting AB and CSO NextCell Pharma AB, Sweden

09:15 – 09:45 **MSC Umbilical Cord Blood Production for Clinical Trial?**
 (presentation + discussion)
Mark Lowdell, PhD, Professor, Institute of Immunity & Transplantation, Royal Free Hospital, United Kingdom

09:45 – 10:15 **Statistical considerations for clinical trial design when using MSC to treat AD: how to face with heterogeneity**
 (presentation + discussion)
Lucie Biard, MD, PhD, Associate Professor in Biostatistics, University of Paris, France

10:15 – 10:45 **Coffee Break**

Co-Moderators:

Lindsay Davies, BSc (Hons), PhD, FHEA, CEO and Founder CellTherEx Consulting AB and CSO NextCell Pharma AB, Sweden and James Martin, MD, Senior Scientist, Translational Research in Respiratory Diseases Program, Centre for Translational Biology, McGill University, Canada

- 10:45 - 11:15** **MSC for RA joints**
(presentation + discussion)
Yves-Marie Pers, MD, PhD, Professor of Medicine , INSERM U1183, France
- 11:15 – 11:45** **MSC for Systemic Sclerosis**
(presentation + discussion)
Dominique Farge, MD, PhD, Professor of Internal Medicine, AP-HP St-Louis, Paris University, France
- 11:45 – 12:15** **MSC for SLE**
(presentation + discussion)
Lingyun Sun, MD, PhD, Professor, Department of Rheumatology and Immunology, Nanjing University Medical School, China
- 12:15 – 12:45** **MSC for SLE**
(presentation + discussion)
Gary Gilkeson, MD, Associate Dean and Professor, Medical University of South Carolina, USA
- 12:45 – 13:00** **Discussion on MSC in Rheumatic Diseases**
- 13:00 – 14:00** **Lunch & Networking**
- Co-Moderators:** *Laure Michel, MD, PhD, Clinical Neurologist, Rennes University, France and Eliane Gluckman, MD, PhD, Professor Emeritus of Hematology, Paris University, France*
- 14:00 – 14:30** **MSC for Neurological Diseases**
(presentation + discussion)
Antonio Uccelli, MD, Professor of Neurology, University of Genoa, Italy
- 14:30– 15:00** **MSC for Autism**
(presentation + discussion)
Joanne Kurtzberg, MD, Director, Marcus Center for Cellular Cures, Director, Carolinas Cord Blood Bank, Co-Director, Stem Cell Transplant Laboratory, Jerome Harris Distinguished Professor of Pediatrics, Professor of Pathology, Duke University, USA
- 15:00 – 15:30** **Discussion + Closing Remarks**
Dominique Farge and Fermin Sanchez-Guijo
- 15:30 – 17:30** **Manuscript Discussion - Recommendations for Clinical Trials**
Moderators: *Lindsay Davies, Lucie Biard, Fermin Sanchez-Guijo, Dominique Farge*