The 2015 Cellular Therapies for Pulmonary Disease and Critical Illnesses Workshop is sponsored in part by the following partner organizations:

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Chairs

Daniel J. Weiss, MD, PhD  
ISCT Pulmonary Scientific Committee, Chair  
Professor of Medicine, University of Vermont, USA

Samuel Janes, MBBS, MRCP, MSc, PhD  
Wellcome Trust Senior Fellow in Clinical Science, University College London  
London, UK

Invited Speakers:

Geoff Bellingan, MD, PhD  
Professor of Intensive Care Medicine  
Medical Director for the Surgery and Cancer Board, University College London Hospitals  
London, UK

Anna Krasnodembskaya, PhD  
Lecturer, Queen’s University Belfast  
Belfast, Ireland

Katarina Le Blanc, MD, PhD  
Professor/Specialist Physician, Karolinska Institute  
Stockholm, Sweden

Mark Lowdell, BSc, MSc, PhD, FRCPath, FBS  
Director of Cellular Therapy (Royal Free Hampstead NHS Trust)  
Professor of Cell and Tissue Therapy (University College London)  
London, UK

Natalie Mount, PhD  
Chief Clinical Officer, Cell Therapy Catapult  
London, UK

Jan Stolk, MD, PhD  
Associate Professor, Department of Pulmonology, Leiden University  
Leiden, The Netherlands

Invited Industry Participants

Jacqueline Jaworek Berning  
Product Development Engineer, Cook Regentec  
Bloomington, USA

Frank Fischer  
Director of Engineering, Cook Regentec  
Bloomington, USA

Anthony Ting, PhD  
Vice President of Regenerative Medicine, Head of Cardiopulmonary Programs, Athersys Inc  
Cleveland, USA
# Pulmonary Signature SERIES II

**CELLULAR THERAPIES FOR PULMONARY DISEASES AND CRITICAL ILLNESSES**

*State of the Art of European Science*

**Wednesday, September 23rd, 2015 • 9:00 – 15:00 Barceló Sevilla Renacimiento Hotel, Seville, Spain**

Daniel J. Weiss, MD, PhD  
ISCT Pulmonary Scientific Committee, Chair  
Professor of Medicine, University of Vermont, USA

Samuel Janes, MBBS, MRCP, MSc, PhD  
Wellcome Trust Senior Fellow in Clinical Science, University College London  
London, UK

## Objectives
1. Highlight advances in cell therapy activities for Pulmonary Diseases and Critical Illnesses taking place in Europe
2. Focus on European Investigators and research teams
3. Demonstrate the potential for interactions between relevant investigators
4. Explore avenues for further instituting and regulating cell therapy-based clinical trials in Europe
5. Build academic-industry partnerships for cell therapy approaches for Pulmonary Diseases and Critical Illnesses in Europe

## Program

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| 09:00 – 09:15 | **Introduction**  
Daniel J. Weiss and Sam Janes |
| 09:15 – 09:45 | **Use of MSCs for COPD**  
Jan Stolk |
| 09:45 – 10:15 | **MSC Approaches for Lung Malignancies**  
Sam Janes |
| 10:15 – 10:45 | **Mid-Morning Break** |
| 10:45 – 11:15 | **MSCs and ARDS: Paradigm for in vivo and in vitro Potency Correlations**  
Katarina Le Blanc |
| 11:15 – 11:45 | **MSCs and ARDS: Mechanistic Studies**  
Anna Krasnodembskaya |
| 11:45 – 12:15 | **Industry Perspectives**  
Anthony Ting, Frank Fischer and Jacqueline Jaworek Berning |
| 12:15 – 13:15 | **Lunch with Discussion**  
Daniel Weiss and Sam Janes |
| 13:15 – 13:30 | **Accelerating the Development of Cell Based Therapies Towards Commercialisation**  
Natalie Mount |
| 13:30 – 14:00 | **Catapult Trial of MAPCs in ARDS**  
Geoff Bellingan |
| 14:00 – 14:30 | **Quality Control Issues with Production of Cells for Clinical Trials**  
Mark Lowdell |
| 14:30 – 15:00 | **Wrap up, Discussion and Next Steps**  
Daniel Weiss and Sam Janes |
Notes: