

Artificial Organs & Tissue Engineering Day

Engineering Meets Medicine

Friday, October 2nd - Genopolys
Montpellier, France

PROGRAMME

MORNING

9.00 Registration & Welcome coffee

9.15 Session 1 - From Basic & Applied Research to Industry

9.15 **Prof. Jörg Vienken (GE)**
Vice president of Fresenius Medical Care during 17 years
**“Polymers, Devices and Therapies with Closed Loop Feedback:
Haemodialysis as a Model for Modern Medical Device Technology.”**
25 mn + question time

9.50 **Prof. Dimitrios Stamatialis (NL)**
*Coordinator of the BIOART European project (Initial Training Network)
MIRA Institute of Biomedical Technology and Technical Medicine
Faculty of Science and Technology - University of Twente*
“Engineering of (Bio)artificial Organs to Support Human Function.”
25 mn + question time

10.25 **Prof. Eric Renard (FR)**
*Head of the Endocrinology, Nutrition and Diabetes Studies
Montpellier University Hospital & Institute of Functional Genomics
UMR CNRS 5203 / INSERM U1191 / University of Montpellier*
“Current Developments of Artificial Pancreas as an Innovative Therapy of Diabetes.”
25 mn + question time.

11.00 - 11.20 Coffee break

11.20 Panel Debate 1 - Regulation

Regulatory affairs and Modern Medical Device Technology.
The approval of products used for “regenerative therapies” will be discussed.
Chaired by Jörg Vienken, Vice president of Fresenius Medical Care during 17 years.
40 mn

12.00 - 13.30 Lunch

Page 1/2

PROGRAMME

AFTERNOON

13.30 Session 2 - Complementary Skills

13.30 Dr. Suming Li

Research Director, Institut Européen des Membranes
UMR CNRS 5635 / ENSCM / University of Montpellier

“Surface Chemistry to Improve the Biocompatibility of Medical Devices.”

15 mn + question time

13.55 Sylvie Arnavielhe (FR)

Project Leader - Kyomed company

“Smart Data: New Process for Decision Support.”

15 mn + question time

14.20 Pr. Christian Jorgensen (FR)

Head of the “Mesenchymal stem cells, joint environment and immunotherapies of rheumatoid arthritis” INSERM unit - Montpellier

“Active Microspheres Supporting Mesenchymal Stem Cells for Cartilage Regeneration”

15 mn + question time

14.45- 15.00 Coffee break

15.00 Panel Debate 2 - European Experience & Vision

Feedback from the speakers of the day on their participation to European research projects: How do they view the future of European Research & Innovation projects in the field of artificial organs and tissue engineering?

Chaired by Dr. Cécile Legallais - CNRS Senior Researcher
University of Technology of Compiègne, France.

Expert on flow and mass transfer for the development of bioartificial organs.

15.45 Wrap up & perspectives

Discuss the need for future Engineering-Medicine Days.