

Expertissues Winterschool 2011
"Preclinical Models and Imaging in Musculoskeletal TE "
Radstadt, Salzburg, Austria
Jan 16-19, 2011

Sunday, 16.1.2011

17.00-19.30

Animal Models

Bone:

- **17.00-17.50:** "Small Animal Models for Skeletal Tissue Engineering"
Austria: Sebastian Schützenberger
- **17.50-18.40:** „Sheep Long Bone Non-Union Models“
Austria: Martijn van Griensven
- **18.40-19.30:** „Spine Surgery-Clinic and Model Approaches“
Austria: Stephan Becker

Monday, 17.1.2011

8.30-11.00

16.00-17.40

Animal Models

Biocompatibility & Angiogenesis:

- **8.30-9.20:** “Skin Fold Model for In Vivo Observations”
Germany: Shahram Ghanaati
- **9.20-10.10:** „Models of Wound Regeneration/Angiogenesis incl. Imaging“
Austria: Rainer Mittermayr

Cartilage:

- **10.10-11.00:** „Clinic and Models of Articular Cartilage Repair“
Austria: Christian Albrecht

----- B R E A K -----

- **16.00-16.50:** „In Vitro and In Vivo Non-Functional Models”
Austria: Florian Hildner
- **16.50-17.40:** „Clinic and Models of Non-Articular Cartilage Repair”
Germany: Nicole Rotter

Tuesday, 18.1.2011**8.30-11.00
16.00-17.40****Imaging****In vivo:**

- **8.30-9.20:** “In Vivo Optical Imaging”
Austria: *Susanne Wolbank*

- **9.20-10.10:** “Bioluminescence Imaging in Cell Therapy”
Spain: *Jeronimo Blanco*

- **10.10-11.00:** “Multimodal Imaging of Cell Transplantation in the Central Nervous System of Rodents.”
Belgium: *Peter Ponsaerts*

----- B R E A K -----

- **16.00-16.50:** “ μ CT Imaging of Materials and in Preclinical Models”
Austria: *Gerald Zanoni*

- **16.50-17.40:** “PET (SPECT) in Preclinical Models”
Austria: *Claudia Kuntner*

Wednesday, 19.1.2011**9.20-11.00
16.00-17.40****Imaging****Vitro/Post-mortem:**

- **9.20-10.10:** “Reporterconstructs for Monitoring”
Austria: *Georg Feichtinger*

- **10.10-11.00:** „Specimen Preparation for Electron Microscopy TEM and SEM“
Austria: *Sylvia Nürnberger*

----- B R E A K -----

- **16.00-16.50:** „Hard Tissue Histology-Methods and Quantitative Evaluation“
Austria: *Stefan Tangl*

- **16.50-17.40:** “Functional in vitro imaging: LM, SEM, ESEM, CLSM”
Italy: *Antonella Motta*

Speakers List

Name	Affiliation
ALBRECHT Christian	Universitätsklinik für Unfallchirurgie, Medical University of Vienna, Austrian Cluster for Tissue Regeneration, Vienna
BECKER Stephan	medimpuls - Zentrum für Diagnostik, Therapie und Training, Vienna
BLANCO, Jeronimo	Cardiovascular Research Center CSIC-ICCC, Barcelona
FEICHTINGER Georg	Ludwig Boltzmann Institute for Experimental and Clinical Traumatology, Austrian Cluster for Tissue Regeneration, Vienna
GHANAATI Shahram	Institute of Pathology, Johannes Gutenberg University, Mainz
HILDNER Florian	Red Cross Blood Transfusion Service of Upper Austria, Austrian Cluster for Tissue Regeneration, Linz
KUNTNER, Claudia	Health & Environment Department, Molecular Medicine, AIT Austrian Institute of Technology GmbH, Seibersdorf
MITTERMAYR Rainer	Ludwig Boltzmann Institute for Experimental and Clinical Traumatology, Austrian Cluster for Tissue Regeneration, Vienna
MOTTA, Antonella	Department of Materials Engineering and Industrial Technologies, University of Trento, Genova
NÜRNBERGER Sylvia	Ludwig Boltzmann Institute for Experimental and Clinical Traumatology, Austrian Cluster for Tissue Regeneration, Vienna
PONSAERTS Peter	Laboratory of Experimental Hematology, Vaccine and Infectious Disease Institute, University of Antwerp, Belgium
REDL Heinz	Ludwig Boltzmann Institute for Experimental and Clinical Traumatology, Austrian Cluster for Tissue Regeneration, Vienna
ROTTER Nicole	Department of Otorhinolaryngology, Ulm University Medical Center, Ulm
SCHÜTZENBERGER Sebastian	Ludwig Boltzmann Institute for Experimental and Clinical Traumatology, Austrian Cluster for Tissue Regeneration, Vienna
TANGL Stefan	Department of Oral Surgery, Bernhard Gottlieb Dental School, Austrian Cluster for Tissue Regeneration, Vienna
VAN GRIENSVEN Martijn	Ludwig Boltzmann Institute for Experimental and Clinical Traumatology, Austrian Cluster for Tissue Regeneration, Vienna
WOLBANK Susanne	Ludwig Boltzmann Institute for Experimental and Clinical Traumatology, Austrian Cluster for Tissue Regeneration, Vienna
ZANONI Gerald	Ludwig Boltzmann Institute for Experimental and Clinical Traumatology, Austrian Cluster for Tissue Regeneration, Vienna