

# Program

## 10th Anniversary of the Austrian Cluster for Tissue Regeneration

„The road to tissue regeneration – Highlights of cooperation“

November 3<sup>rd</sup> 2016, Lecture hall of the AUVA Trauma Center Lorenz-Böhler,  
Donaueschingenstrasse 13, 1200 Vienna

### 9:15 Opening

Heinz Redl and more  
*10 years and still married*

### 9:45 Neuroregeneration

**Medical Needs:** Thomas Hausner  
**Chairs:** Robert Schmidhammer, Ludwig Aigner

### 10:00 Current Approaches

Christina Schuh/David Hercher  
*From cell function all the way to the clinic*

(Cooperation MUW, BZ Linz, LBI, FH)

### 10:20 COFFEE BREAK

### 10:50 Soft Tissue

**Medical Needs:** Rainer Mittermayr  
**Chairs:** Wolfgang Schaden, Dominik Rünzler

### 11:05 Current Approaches

Anna Weihs/Christiane Fuchs  
*Mechanotransduction – the shared path of shockwave treatment and bioreactors*

Paul Slezak/Peter Dungal  
*From local hemostasis to healing: Bringing light into the darkness*

Peter Ertl/Günter Lepperdinger  
*Go with the microflow!*

(Cooperation: LBI, FH, TU Wien, MUI, PLUS)

**12:10** LUNCH

**13:00** **Cluster Bridge to UK Platform:** Richard Oreffo

**13:10** **Cluster Core Competences**

**From lab to clinic:** Heinz Redl  
**Chairs:** Harald Sitte, Jürgen Stampfl

Anja Peterbauer  
*Reusing medical waste - Fat*

Susanne Wolbank  
*Reusing medical waste - Placenta*

Regina Grillari  
*Reusing medical waste - Urine*

Severin Mühleder/Wolfgang Holthöner  
*Who does not need vascularisation?*

Andreas Spittler  
*Extracellular vesicles – new blebs on the block*

Aleksandr Ovsianikov/Stefan Baudis  
*Biofabrication – what else?*

*(Cooperation: BZ Linz, LBI, BOKU, MUW, PMU, TU Wien)*

**15:10** COFFEE BREAK

**15:40** **Cartilage/Tendon**

**Medical Needs:** Stefan Marlovits  
**Chairs:** Christian Albrecht, Stefan Marlovits

**15:55** **Current Approaches**

Sylvia Nürnberger/Christian Albrecht  
*Cells that keep you moving*

Pavol Szomolanyi  
*From nice pictures to solid data*

Andreas Traweger  
*Tendon and brain – the same?*

*(Cooperation: PMU, BZ Linz, MUW, FH, LBI, TU Wien)*

**16:55** COFFEE BREAK

**17:25 Bone/Ligament**

**Medical Needs:** Thomas Nau

**Chairs:** Darja Marolt, Christian Hellmich

**17:40 Current Approaches**

Johannes Grillari/Ara Hacobian  
*„Klein aber oho“ – miRNA on the rise*

Reinhard Gruber  
*Not only long bones are interesting*

Andreas Teuschl  
*Bones want to be connected – the Silk Road*

(Cooperation: Boku, MUW, LBI, FH, PMU)

**18:40 CELEBRATION (reception with LBI made international food and drinks)**

Legend

- (1) BOKU - Universität für Bodenkultur Wien, Muthgasse 18, 1190 Wien
- (2) BZ Linz - Blutzentrale Linz, Krankenhausstraße 7. 4020 Linz
- (3) FH - Fachhochschule Technikum Wien, Höchstädtplatz 5, 1200 Wien
- (4) LBI – Ludwig Boltzmann Institut für Experimentelle und Klinische Traumatologie, Donaueschingenstraße 13, 1200 Wien
- (5) MUI - Medizinische Universität Innsbruck, Christoph-Probst-Platz, Innrain 52, 6020 Innsbruck
- (6) MUW - Medizinische Universität Wien, Spitalgasse 23, 1090 Wien
- (7) PLUS - Paris Lodron Universität Salzburg, Kapitelgasse 4-6, 5020 Salzburg
- (8) PMU - Paracelsus Medizinische Privatuniversität, Strubergasse 21, 5020 Salzburg
- (9) TU Wien- Technische Universität Wien, Karlsplatz 13, 1050 Wien