BIOMATERIALS Workshop

Foreword
Project introduction

Lectures
• Metals and their alloys in medicine
• Laser texturing of titanium alloys
• Bioceramics and bioglass
• Biopolymers
• Bone cells: basics and interactions with biomaterials

21. 3. 2019
10:00

Universitätsklinikum Regensburg

NEW TECHNOLOGIES RESEARCH CENTRE
UNIVERSITY OF WEST BOHEMIA
PROGRAM

10:00  Foreword  doc. Ing. Luděk HYNČÍK, Ph.D.
10:10  Project introduction  doc. Ing. Tomáš KŘENEK, Ph.D.
10:20  Metals and their alloys in medicine  doc. Ing. Tomáš KŘENEK, Ph.D.
10:40  Laser texturing of titanium alloys  Ing. Jiří MARTAN, Ph.D.
11:00  COFFEE BREAK
11:20  Bioceramics and bioglass  Ing. Tomáš KOVÁŘÍK, Ph.D.
11:40  Biopolymers  Mgr. Tomáš REMIŠ, Ph.D.
12:00  Bone cells: interactions with biomaterials  Theresia STICH MSc.
12:20  LUNCH
13:30  Laser texturing demonstration  Ing. Jiří MARTAN, Ph.D.

Workshop 14:30 - 16:00

Lectures 10:00 - 13:00  Hall 2.66