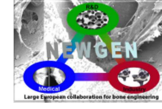




UNIVERSITY OF AVEIRO

COST Action MP1301 – NEWGEN



Workshop

“Interactions between materials and host tissues”

Mechanical Engineering Department, University of Aveiro's Campus, Aveiro, Portugal

Day 1 – 17 March

Workshop

14.30 – Registration of the participants in the workshop

15.00 – Welcome – Prof. Doutor José Fernando F. Mendes, Vice-Rector UA

15.15 – Introduction – Francis Cambier (Chair of NEWGEN)

15.30 – Invited Talk – Michaël Gasik (Aalto University – FI)

Biomaterials enhanced simulation test as alternative towards true 1R implementation

16.15 – 16.45 - Coffee Break

16.45 – STSM Presentation – Monika Furko (Bay Zoltan Institute – HU)

Investigation of biocompatibility and toxicity properties of modified calcium phosphate coating

17.00 – STSM Presentation – Stella Aslanoglou (FORTH – GR)

Silicon Micro-Conical Tips for Gene Delivery

18.00 – Moliceiro Tour

20.00 – Workshop Dinner

Day 2 – 18 March

09.00 – Registration

09.15 – Invited Talk – João F. Mano (University of Minho – PT)

Closed and open scaffolds for bone regeneration

10.00 – STSM Presentation – Tess Geever (Athlone Institute of Technology – IE)

Synthesis and characterisation of hydrogel/bioceramic composites for bone regeneration applications

10.15 – STSM Presentation – Davide Porrelli (University of Trieste – IT)

In-vivo study of injectable nanocomposite bone filler based on metal nanoparticles and biopolymers

10.30 – 11.00 – Coffee break

11.00 – Invited Talk – Pedro Granja (INEB – PT)

Advanced bioengineering strategies using cellularized hydrogels

11.45 – STSM Presentation – Massimiliano Dapporto (ISTEC – IT)

Preparation of complex-shape calcium phosphate structures using pH-responsive particles and robocasting

12.00 – 14.00 – Lunch

14.00 – 14.45 – Posters Session

14.45 – Invited Talk – Gianluca Vadalà (University of Rome)

Intervertebral disc regeneration obtained through a bone tunneling approach

15.30 – Invited Talk – Gintaras Juodzbalys (Lithuanian Univ. of Health Sciences)

Jaw bone regeneration – current status

16.15 – 16.45 – Coffee break

16.45 – WGs Meeting