



TISSUE REPAIR

Workshop
Tuesday 20th October 2009

Amphithéâtre Duffieux – La Bouloie

8 h 30 Opening Ceremony L. Obert

8 h 45 K. Anselme (University of Mulhouse)
Influence of chemistry and surface topography on cellular adhesion

9 h 30 L. Ploux
Infections on implants: development of biofilms and strategies of fight in the material science field

10 h 15 Break and stands

11 h 00 D. Mason (University of Cardiff)
Interactions between osteocytes and osteoblasts in a novel 3D co-culture system.

11 h 45 F. Gindraux (University of Franche-Comte)
Human adipose derived mesenchymal stem cells for cartilage and bone repair: in vitro use of an agarose alginate hydrogel (GelforCel)

12 h 15 Lunch

14 h 00 J. Amédée (University of Bordeaux)
Bioengineering of bone tissue : current limitations and perspectives

14 h 45 F. Gindraux
Histological analysis of roe deer antlers and thinking about an original animal model of bone repair

15 h 15 C. Elie-Caille (University of Franche-Comte)
Atomic force microscopy as a new tool for micro to nanoscale imaging of alive adherent or circulating cells

16 h 00 Break

16 h 20 L. Obert (University of Franche-Comte)
BMP and resistant non union

16 h 40 S. Aubry (University of Franche-Comte)
3 Tesla magnetic imaging of normal skin : feasibility study and future prospects

17 h 00 Closure of the workshop