



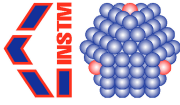
15th CIRMIB BIOMATERIALS SCHOOL and EXPERTISSUES SCHOOL & WORKSHOP



EXPERTISSUES

Strategies and Materials for REGENERATIVE MEDICINE: Focus on Bone and Cartilage

Hotel Continental Terme, Ischia Porto (NA), Italy
7-11 July 2008



Aim

The school is jointly organized by **CIRMIB** (Interuniversity Research Centre on Materials for Biomedical Engineering) and **Expertissues** (EU Network of Excellence on Novel Therapeutic Strategies for Tissue Engineering of Bone and Cartilage using Second Generation Biomimetic Scaffolds).

The aim of the school is to illustrate the principles, methodologies and applications of materials for Regenerative Medicine and in particular for the Tissue Engineering of Bone and Cartilage.

The school is integrated by a workshop where participants can present poster communications in the field of tissue engineering.

Please, send your abstract by June 15th!

Registration

The registration fee is 150,00 Euro.

Participants are asked to preferably register online from the website:

<http://www.cirmib.ing.unitn.it>

or alternatively by sending a fax, an e-mail message or a letter to the **School Organizing Secretariat** with the following information: Name, address and institution (if any), telephone and fax numbers, e-mail address.

The registration fee should be paid by bank transfer of the net amount to the following account of the Università di Trento:

Bank: BTB-Banca di Trento e Bolzano, via Mantova 19, Trento-ITALY
Account number: 000010000496

ABI 03240, CAB 01801, CIN H, SWIFT BAT BIT 2TB 01

IBAN: IT92 H 03240 01801 0000 10000496

Please, indicate in the bank transfer: CIRMIB-Expertissues School and YOUR NAME

Registration can also be paid on site by cash or credit cards.

Accommodation

Participants must reserve the hotel by themselves, preferably before June 15th, 2008. Hotel Continental Terme, via Mazzella 74, 80077 Ischia (NA), ITALY, tel. +39 081 3336111, fax. +39 081 3336276, www.continentalterme.it, confiterme@leohotels.it, applies to participants the following special rates:

-half a board in single room, Euro 90,00 per day;

-half a board in double room, double occupancy, Euro 75,00 per day per person.

Ischia is with Capri and Procida one of the three islands in the Naples gulf. Information about how to reach Ischia is on the Cirmib website.

Scientific Secretariat

Antonella MOTTA, PhD

Dipartimento di Ingegneria dei Materiali e Tecnologie Industriali
Università di Trento

via Mesiano, 77 - 38050 Mesiano-Trento, Italy

phone: +39 0461 882438 - telefax: +39 0461 881977

e-mail: antonella.motta@ing.unitn.it

Cirmib website: <http://www.cirmib.ing.unitn.it>

Organizing Secretariat

Dr. Paola BODIO

Events and Meetings Office

Università degli Studi di Trento

Via Belenzani, 12 - 38100 Trento, Italy

phone: +39 0461 883215 - telefax: +39 0461 882899

e-mail: convegni@unitn.it

Programme

Monday, July 7th, 16.30-19.00

Antonella Motta, University of Trento, Italy

Tissue Engineering: biological principles

Paul Hatton, University of Sheffield, UK

The biological quality of Tissue Engineered Cartilage: What is the role of the biomaterial scaffold?

Tuesday, July 8th, 8.30-12.00

Heinz Redl, LBI, Vienna

Qualitative and quantitative imaging techniques for TERM

Sabine Fuchs, University of Mainz, Germany

Principles of vascularization in Tissue Engineering: cell sources, biomaterial design and co-culture strategies

Tuesday, July 8th, 16.00-19.00

Rui L. Reis, University of Minho, Portugal

Integrated Tissue Engineering strategies based on natural polymers and stem/progenitor cells

Ranieri Cancedda, University of Genova, Italy

Bioceramics and stem cells for Bone regeneration and repair

Wednesday, July 9th, 8.30-13.00

Allan Hoffman, University of Washington, USA

Intracellular delivery of nucleic acid and protein drugs and the relevance to Tissue Engineering

Arthur Coury, Genzyme, USA

Commercial and research strategies for orthopedic products: delivery of cells, biologics and biomaterials

POSTER SESSION

Thursday, July 10th, 8.30-12.00

Nesrin Hasirci, METU, Turkey

Chemistry of scaffold materials, modification and characterization techniques

Joao Mano, University of Minho, Portugal

Surface strategies in Tissue Engineering applications

Thursday, July 10th, 16.00-19.00

Roberto Chiesa, Polytechnic of Milano, Italy

Metallic biomaterials surface modification for Bone stimulation and enhancement

Maria Cristina Tanzi, Polytechnic of Milano, Italy

Polyurethane foams as scaffolds for Cartilage and Bone regeneration

POSTER SESSION

Friday, July 11th, 8.30-12.30

Nuno Neves, University of Minho, Portugal

Processing of chitosan-based scaffolds for Bone Tissue Engineering

Paul Gatenholm, Chalmers University, Sweden

Controlled biofabrication of nanoscaffolds for Tissue Engineering of Cartilage and Bone

Claudio Migliaresi, University of Trento, Italy

Fibroin as scaffold material