



SUMMER SCHOOL on Biomaterials and Regenerative Medicine

July 8th-12th, 2013

Riva del Garda, Trentino Region, ITALY

From the Biological Design to the Validation of Tissue
Engineering Procedures and Scaffolds

with a satellite One-Day Workshop on Tissue Engineering

<http://www.unitn.it/en/ateneo/25404/departament-of-industrial-engineering>

The School and the Workshop are organized by the Department of Industrial Engineering, the BIOftech Interdepartment Research Center of the University of Trento and the European Institute of Excellence on Tissue Engineering and Regenerative Medicine.

The aims are to illustrate and discuss principles, design, fabrication and most recent applications of materials to Regenerative Medicine and in particular to Tissue Engineering.

The school is addressed to PhD students and Post-Docs with a background in Engineering, Physics, Chemistry, Biology or Medicine.

The maximum number of participants is provisionally set to 45.

Preference will be given to applicants submitting communications to the Workshop.

Topics

Cell and molecular biology; Concepts in biocompatibility; Tissue repair and regeneration pathways; Growth factors, molecular signals, molecular recognition; Biomimetic chemistry and engineering; *In vitro* and *in vivo* imaging; Scaffolds design and fabrication criteria; Applications, trends and perspectives.

Participants are invited to submit oral communications to the Workshop

The time allocated for each communication will be of 8 minutes. Please, do not use more than 10 slides.

Registration

The registration fee for the school/workshop is 350,00 Euro, reduced to 250,00 Euro for participants from institutions that are members of the European Institute of Excellence on Tissue Engineering and Regenerative Medicine.

Registration covers participation, coffee breaks and lunches for July 9th, 10th and 11th.

Participants are asked to register before May 31st, 2013, by e-mailing the following information to the Summer School Secretariat:

Name: Institution and Address: email:

CV:

Abstract (one A4 page):

I am competing for a scholarship: yes or not

Accepted participants should pay the registration fee by bank transfer of the net amount to the following account of the University of Trento:

UNICREDIT Banca Spa - Via G. Galilei 1 - 38122 TRENTO- ITALY

IBAN: IT08X0200801820000100841899

SWIFT Code: UNCRITM20HV

Please, indicate in the bank transfer: "DII 2013 School" and YOUR NAME.

Scholarships*

15 scholarships, 400,00 Euro each + Free registrations, will be offered to participants presenting papers, selected by a committee after the presentation.

Scholarship will cover the hotel expenses for the duration of the school, up to 400,00 Euro, billed to Department of Industrial Engineering. For administrative restrictions no refund of already paid bills will be possible, only the already paid registration fees will be refunded.

* to be confirmed by the end of March, depending on applied financial support requested to the University of Trento

Accommodation

The school will be held in Riva del Garda, at the:

Du Lac et Du Parc Grand Resort

Viale Rovereto, 44
I-38066 Riva del Garda (TN)
Italy

Tel. +39 0464 566600

Fax +39 0464 566566

Email: info@dulacetduparc.com

www.dulacetduparc.com



Participants must reserve the hotel by themselves, preferably before June 5th, 2013.

The hotel applies to participants the following special rates per day per person:

- B&B, in single or double room double occupancy, Euro 90,00
- B&B, double room single occupancy, Euro 130,00

Riva del Garda is a picturesque little town located at the northern end of Lake Garda, about 90 km north of Verona and 180 west of Milan airports.

The airport of Verona is well connected with the many cities in Europe.

A free of charge bus transportation will be provided from/to the airport of Verona:

- July 8th, at 13:30, from Verona to Riva del Garda
- July 13th, at 15:00, from Riva del Garda to Verona

Special transfers can be arranged upon request.

Summer School Secretariat:

Department of Industrial Engineering, University of Trento
via Mesiano, 77 I - 38123 Mesiano, Trento (Italy)

e-mail: dii.events@unitn.it

PROGRAMME

Lecturers:

David Wendt (*University Hospital Basel, Switzerland*), Claudio Migliaresi (*University of Trento, Italy*), Nuno Neves (*University of Minho, Portugal*), Ranieri Cancedda (*University of Genova, Italy*), Ralph Muller (*ETH Zurich, Switzerland*), Rui Reis (*University of Minho, Portugal*), Daniel Cohn (*The Hebrew University of Jerusalem, Israel*), Utkan Demirci (*Harvard-MIT, USA*), Antonella Motta (*University of Trento, Italy*), Julio San Roman (*CSIC Madrid, Spain*), Clemens van Blitterswijk (*University of Twente, The Netherlands*), Thomas Groth (*Martin Luther University Halle-Wittenberg, Germany*), Luigi Ambrosio (*CNR, Naples, Italy*), John Haycock (*University of Sheffield, UK*), Pranesh Aswath (*University of Texas, Arlington, USA*), Heinz Redl (*LBI, Vienna, Austria*).