

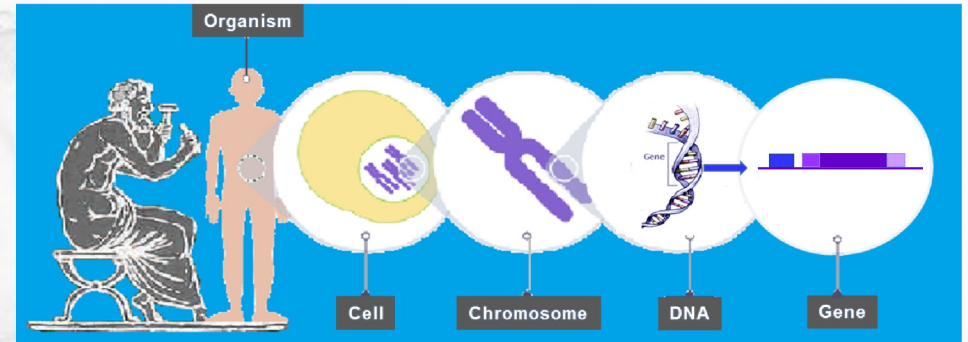
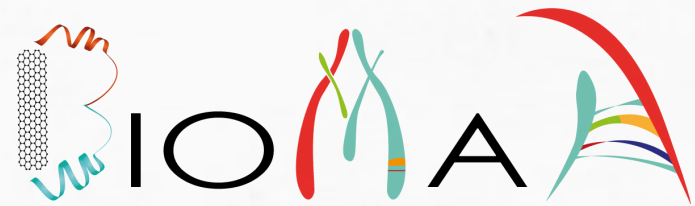
REGISTRATION

REGISTRATION FEE

The registration fee for each participant includes: participation to the conference; Welcome party; coffee breaks; Social dinner; conference trip; conference documentation and book of abstracts.

- Registration fee before August 31, 2016 - € 450
- Registration fee after August 31, 2016 - € 550
- Students* registration fee before August 31, 2016 - € 200
- Students* registration fee after August 31, 2016 - € 300
- Registration for 1 day - € 150

**for undergraduated and PhD students. Please, provide a letter from your tutor.*



BIOMATERIALS FOR HEALTHCARE

Biomaterials for Tissue and Genetic Engineering and Role of Nanotechnology

1st biennial conference BioMaH

Aula Convegni, CNR sede

Piazzale Aldo Moro, 7 Rome, Italy

October 17-20, 2016

Abstract deadline: June 30, 2016



Website: <https://biomah.ism.cnr.it>

E mail: biomah.ism@ism.cnr.it



CO-PRESIDENTS of the 1st BioMaH conference



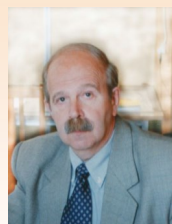
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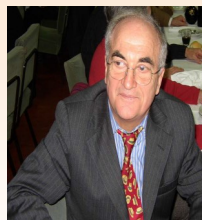
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A prize for the best oral young researcher's presentation is forecasted (up to 35 years old)

MODALITY FOR ABSTRACT(S) SUBMISSION: see online at <https://biomah.ism.cnr.it/>

1st BioMaH: PHILOSOPHY AND STRATEGY

- To promote the development of innovative "smart" nanomaterials for tissue regeneration. Novel nanomaterials design and fabrication inspired by Nature.
- To move towards comprehensive knowledge of biomaterial-cell interactions.
- To call attention to advanced methods and instrumentation at nanoscale.
- To advantage genetic tissue engineering and biotechnology.
- To forward novel approaches for tumour imaging diagnostics and therapy.
- To suggest innovative strategies for biomedical prosthetic surgery, aiming to tissue regeneration and rehabilitation by means of novel implants and medical equipment.
- To encourage multidisciplinary solutions to face non-linear complex phenomenon, engaging materials science, biophysics, biophotonics, quantum physics and chemistry, and biology.
- To support genetic and preventive medicine studies including such disciplines as epigenetics, nutraceuticals, etc.
- To involve biomedical prosthetic, pharmaceutical and thermal spring companies, paying special attention to the lifestyle.
- To organise thematic Symposia, Roundtables and Forum of International Biomaterials Societies.

MAIN TOPICS, SYMPOSIA, ROUNDTABLES

"SMART" BIOMATERIALS FOR TISSUE REGENERATION

- Organic-inorganic hybrid materials
- Tissue engineered vascular grafts
- Biomimetic scaffolds for hard & soft tissues
- Functionalized scaffolds, molecular mechanisms and cues
- Scaffold surface modification
- Nanostructured systems
- Multifunctional magnetic nanoparticles
- Guided tissue regeneration

CELL BASED REGENERATIVE STRATEGIES

- Gene-activating materials and cell-material interactions
- Cell models for tissue engineering, genes and biological factors
- Gene-therapy to modify cellular function
- In vivo models. Translating regenerative biomaterials into clinical practice
- Nanomedicine
- Biophotonics and imaging technologies for regenerative medicine
- Raman diagnostics for clinics

CREATING INNOVATION and TECHNOLOGY TRANSFER Roundtable "Science, industry and politics"

BIOMATERIALS SOCIETIES FORUM



Scandinavian Society for Biomaterials



European Society for Biomaterials

