

CALL FOR PAPERS

The conference will be based on invited lectures, oral communications and posters. For oral or poster presentations, the submission of one-page abstract is requested for confidential examination by the Scientific Committee.

Deadlines

April 30th: abstract submission
May 30th: abstract acceptance
June 20th: registration

Registration Fees

	Until June 20th	After June 20th
Non members	€ 650,00	€ 800,00
Scientific Societies' members	€ 600,00	€ 750,00
Students*	€ 400,00	€ 550,00

*Student registration must be accompanied by a letter confirming student status from the Head of Department or equivalent.

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Conference Secretariat

Hotel Accomodation

Meridiana Events & Education



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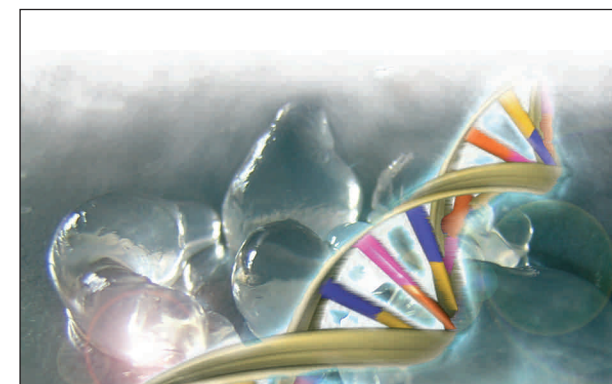
Venue

Conference Centre Principe Di Piemonte
Viale Marconi, 130 - 55049 Viareggio (LU) Italy
Tel. +39 0584 409074
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www.viareggiocongress.com

www.biohydrogels2007.it



INTERNATIONAL CONGRESS ON BIOHYDROGELS



14-18 November 2007
VIAREGGIO (Lucca, Italy)
Congress Centre
"PRINCIPE DI PIEMONTE"

www.biohydrogels2007.it

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With the endorsement of

ASB Australasian Society for Biomaterials
CBS Canadian Biomaterials Society
CCFB Chinese Committee for Biomaterials
ESB European Society for Biomaterials
GIB Italian Chemical Society, Interdivisional Group of Biomaterials
JSBF Japanese Society for Biomaterials
KSF Korean Society for Biomaterials
SFB Society for Biomaterials (U.S.A.)
SIB Italian Society of Biomaterials

Conference Topics

Hydrogels for tissue engineering and scaffolds
Hydrogels for drug and gene delivery
Simulation and Modelling of Polymer Networks
Stimuli (T°, pH etc.) responsive hydrogels
Hydrogels sensitive to magnetic and electric fields
Micro- and nano - hydrogels
Structure-property relationships in hydrogels
Hydrogels for Biomedical applications

Invited Speakers

Luigi Ambrosio (Italy)
Karl-Friedrich Arndt (Germany)
Emo Chiellini (Italy)
Daniel Cohn (Israel)
Jan Feijen (Holland)
Haruma Kawaguchi (Japan)
Sung Won Kim (U.S.A.)
Claudio Migliaresi (Italy)
Teruo Okano (Japan)
Nicholas Peppas (U.S.A.)
Buddy Ratner (U.S.A.)
Julio San Roman (Spain)
Michael Sefton (Canada)

PROVISIONAL CONFERENCE PROGRAM

WEDNESDAY, NOVEMBER 14th

Morning

REGISTRATION
at Congress Centre 'Principe di Piemonte'
Viareggio (LU)

POSTER MOUNTING

INAUGURAL SESSION
PLENARY LECTURE:
Nicholas Peppas (U.S.A.): Cellular targeting
with carbohydrate-decorated biohydrogels

Afternoon

Hydrogels for drug and gene delivery
KEY LECTURES:
Jan Feijen (Holland): Design of novel
biodegradable hydrogels for drug delivery
and tissue engineering
Julio San Roman (Spain): Smart bioresorbable
hydrogels as drug delivery systems.
Preparation and applications

ORAL AND POSTER COMMUNICATIONS

THURSDAY, NOVEMBER 15th

Morning

Simulation and Modelling of Polymer Networks
KEY LECTURE:
Michael Sefton (Canada): Collagen-mimetic
hydrogels for modular tissue engineering

ORAL AND POSTER COMMUNICATIONS

Afternoon

Stimuli (T°, pH etc.) responsive hydrogels
KEY LECTURES:
Sung Won Kim (U.S.A.): Thermosensitive
biodegradable hydrogel for drug delivery
Haruma Kawaguchi (Japan): Stimuli-
sensitive composite microgels

ORAL AND POSTER COMMUNICATIONS

FRIDAY, NOVEMBER 16th

Morning

Hydrogels sensitive to magnetic and electric fields
KEY LECTURE:
Karl-Friedrich Arndt (Germany): Synthesis
of stimuli-sensitive hydrogels in µm-range by
radiation techniques and its application

ORAL AND POSTER COMMUNICATIONS

Afternoon

Micro- and nano- hydrogels
KEY LECTURE:
Emo Chiellini (Italy): Nanosized hydrogel
constructs in controlled release of active
agents

ORAL AND POSTER COMMUNICATIONS

SATURDAY, NOVEMBER 17th

Morning

Structure property relationships in hydrogels
KEY LECTURE:
Buddy Ratner (U.S.A.): Sphere-templated
hydrogel scaffolds for healing and tissue
engineering

ORAL AND POSTER COMMUNICATIONS

Afternoon

Hydrogels for Biomedical applications
KEY LECTURES:
Teruo Okano (Japan): Intelligent hydrogels
modified surfaces for cell sheet tissue
engineering therapy

Claudio Migliaresi (Italy): Fibroin based
hydrogels for minimally invasive therapy

ORAL AND POSTER COMMUNICATIONS

SOCIAL DINNER

SUNDAY, NOVEMBER 18th

Morning

*Hydrogels for tissue engineering
and scaffolds*
KEY LECTURES:
Daniel Cohn (Israel): Smart hydrogels for
In situ-generated Implants
Luigi Ambrosio (Italy): Gels and composite
hydrogels for tissue regeneration

ORAL AND POSTER COMMUNICATIONS

Afternoon

Closure session

In memory of
Junzo Sunamoto