Materials for Health: a Value Chain in the Frame of H2020

16-17 July 2014, Torino, Italy

Workshop information

Registration procedure

Your registration, FREE OF CHARGE, can be submitted by e-mail to cristiana.contardi@polito.it before July 4th 2014

Information requested for registration:

- Last name, First name(s)
- Company/Organization, Address, City, Country
- Phone, e-mail

For information please contact

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http://www.composites.polito.it

Venue

I3P — Innovative Enterprise Incubator of the Politecnico di Torino — Sala Agorà
Corso Castelfidardo 30/A — Torino — Italy
(Pedestrian Entrance: Via Pier Carlo Boggio 59)

Politecnico di Torino (www.polito.it) is a "Research University" acknowledged as a centre of excellence in all over the world for the qualifying research areas of Architecture and Engineering. The development of the fields of excellence, the investment on frontier subjects, and also the support to the curiosity driven research allow a virtuous mix of basis and applied research. Politecnico is more and more engaged in increasing its participation in European, national and regional research projects, and provides its own scientific skills to companies interested in innovation.

Alliance for Materials Italia (A4Mit) intends to contribute and to provide an effective coordination between different sectors (maintaining the relative autonomy, interests and strategies of each) in order to achieve the best and most effective use of community resources in Materials R&D targeted to make effective contributions to the Societal Grand Challenges.

The main goal of EuMaT is to contribute to the best relation and dialogue between industry, R&D actors and institutions aiming at improving the coordination and synergies at national and European level in the field of Materials R&D.

The KMM-VIN is an international, non-profit association (AISBL) head-quartered in Brussels. The aim of KMM-VIN is to foster the creation of a powerful platform for research and development and industrial application of advanced materials in order that Europe may become a global power in this field, thus contributing to enhancing the quality of life of European society.

Alliance for Materials Italy (A4Mit) — EuMaT — KMM-VIN
The workshop is focused on clinical, research and industrial issues related to biomaterials for tissue regeneration and targeted therapy.

It is organized with the co-participation of three European Working Groups on Biomaterials:

WG “Materials for Health” of the platform Alliance for Materials Italia (http://www.apre.it/eventi/2013/1-semester/a4mit/),

WG7 “Biomaterials” of the EuMaT platform (http://www.eumat.eu/)

WG3 “Biomaterials” of KMM VIN (http://www.kmm-vin.eu/)

The event represents an opportunity for the scientific and industrial communities to exchange their perspectives on the next H2020 call topics concerning Materials for Health.

The event will be also an opportunity for young researchers to improve their personal skills and widen their perspectives on R&D issues both from an academic and industrial point of view.

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<td>13:00</td>
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| 14:00 | Welcome and Introduction | Prof. Dr. Michal Basista  
KMM-VIN AISBL, Brussels, Belgium  
CEO of KMM-VIN |
| 14:30 | Clinical issues and in vivo models in cancer therapy | Dr. Ymera Pignochino, Institute for Cancer Research and Treatment, Candiole, TO, Italy |
| 15:00 | Target delivery strategies for the treatment of rare diseases | Prof. Antonia Follenzi, Università del Piemonte Orientale, Vercelli, VC, Italy |
| 15:30 | Coffee break | |
| 16:00 | Introduction | Prof. Enrica Verné, Politecnico di Torino, Torino, TO, Italy  
Coordinator of the WG “Materials for Health—A4Mit” |
| 16:30 | Bioactive glasses for tissue engineering and drug delivery | Prof. Chiara Vitale Brovarone, Politecnico di Torino, Torino, TO, Italy |
| 17:00 | Magnetic nanomaterials in biomedicine: therapies and diagnostics | Dr. Alek Dediu, Institute for Nanostructured Materials, CNR, Bologna, BO, Italy |
| 17:30 | Multifunctional magnetic nanoconstructs for cancer imaging and therapy | Dr. Paolo Decuzzi, Drug Discovery and Development, IIT, Genova, GE, Italy  
Houston Methodist Research Institute, Houston, Texas, USA |
| 18:00 | Open discussion, networking | |
| 9:00  | Introduction | Dr. Marco Falzetti, CSM, Roma, Italy  
Chairman of EuMaT Steering Committee, A4M and A4Mit |
| 9:30  | Composite materials for multifunctional tissue engineering scaffolds | Prof. Dr. Aldo R. Bocaccini, University of Erlangen-Nuremberg, Erlangen, Germany  
Coordinator of the WG3 “Biomaterials”, KMMVIN |
| 10:00 | Models covering regulatory cues of the bone metabolism: merging biology and mechanics | Dr. Stefan Scheiner  
University of Technology, Vienna, Austria |
| 10:30 | Materials and tools for advanced therapies | Prof. Terence A. Wilkins, University of Leeds, Leeds, UK |
| 11:00 | Coffee break | |
| 11:30 | The industrial point of view | Dr. Silvia Pascale, Sorin Group, Saluggia, VC, Italy  
Coordinator of the WG7 “Biomaterials” - EuMaT Steering Committee |
| 12:00 | Materials and technologies for biomedical applications: industrial issues | Dr. Cristina Diaz Jimenez, AIN TECH, Navarra, Spain |
| 12:30 | Development and production in ISO 13485 perspective | Dr. Konstantin Sipos, Rescoll, Pessac Cedex, France |
| 13:00 | Lunch | |
| 14:00 | Final discussion and round table: “A perspective view of H2020 calls (2016-2017)” | |
| 15:00 | End of workshop | |