

## Final Workshop Second. R.I. Project

### **“A Horizon 2020 MSCA-RISE experience”**

Innovation in health, from ideas to applications:

a system approach to design customized functional tissue analogues

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Young Scientists Forum Workshop on “*Additive manufacturing for biomedical applications*”

#### **14:00 Welcome and Opening remarks**

**Michele Guerrini**, Coordinator of the project – National Research Council of Italy  
**Sun Chengyong**, Counsellor of Chinese Embassy in Italy

#### **The Second. R.I. experience: Bringing together S&T&I ecosystems**

**Chairs: Maria Grazia Raucci and Manyi Cristofoli**

**14:20** Xinzhi Zhang, “*Our experience on 3D bioprinting and path to commercialization*”, CEO, MEDPRIN, China.

**14:45** Alfredo Ronca, “*Modified hyaluronic acid and sol-gel approach to design 3D rapid prototyped scaffolds*”, Institute of Polymers, Composites and Biomaterials, CNR, Italy.

**15:10** Ugo D’Amora, “*Hyaluronic acid derivative-based composites: relationship between local inflammation and osteogenic capability*”, Institute of Polymers, Composites and Biomaterials, CNR, Italy.

**15:35** Yujiang Fan, “*Development of collagen based hydrogels for articular cartilage regeneration*”, National Engineering Research Center for Biomaterials - Sichuan University, China.

**16:00** Manyi Cristofoli, “*Technology transfer approaches within European research institute*”, Tech Transfer coordinator, Queen Mary Innovation, QMUL, U.K.

**16:15** Coffee Break

**16:30** Cathy Zheng, “*Sino-European partnership*”, Shanghai Technology Innovation Center (STIC), China.

#### **“Additive manufacturing for biomedical applications” Workshop**

**Chairs: Nicola Contessi Negrini and Alfredo Ronca**

**16:45** Ravi Sinha, “*Continuous composition gradient thermoplastic material scaffolds for tissue engineering - technology development and future application perspectives*”, MERLN Institute for Technology Inspired Regenerative Medicine, Maastricht University, Maastricht, The Netherlands

**17:00** Thomas Distler, “*3D printing, bioprinting and biofabrication: advances at the institute of biomaterials*”, Institute of Biomaterials, Department of Materials Science and Engineering Friedrich-Alexander-University Erlangen-Nuremberg, Germany

**17:15** Open Debate

**Chairs: Luigi Ambrosio and Xingdong Zhang**

**17:45** Conclusions

#### **CHAIRS**

Luigi Ambrosio IPCB-CNR  
Michele Guerrini DSCTM-CNR  
Maria Grazia Raucci IPCB-CNR

#### **ORGANIZING COMMITTEE**

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