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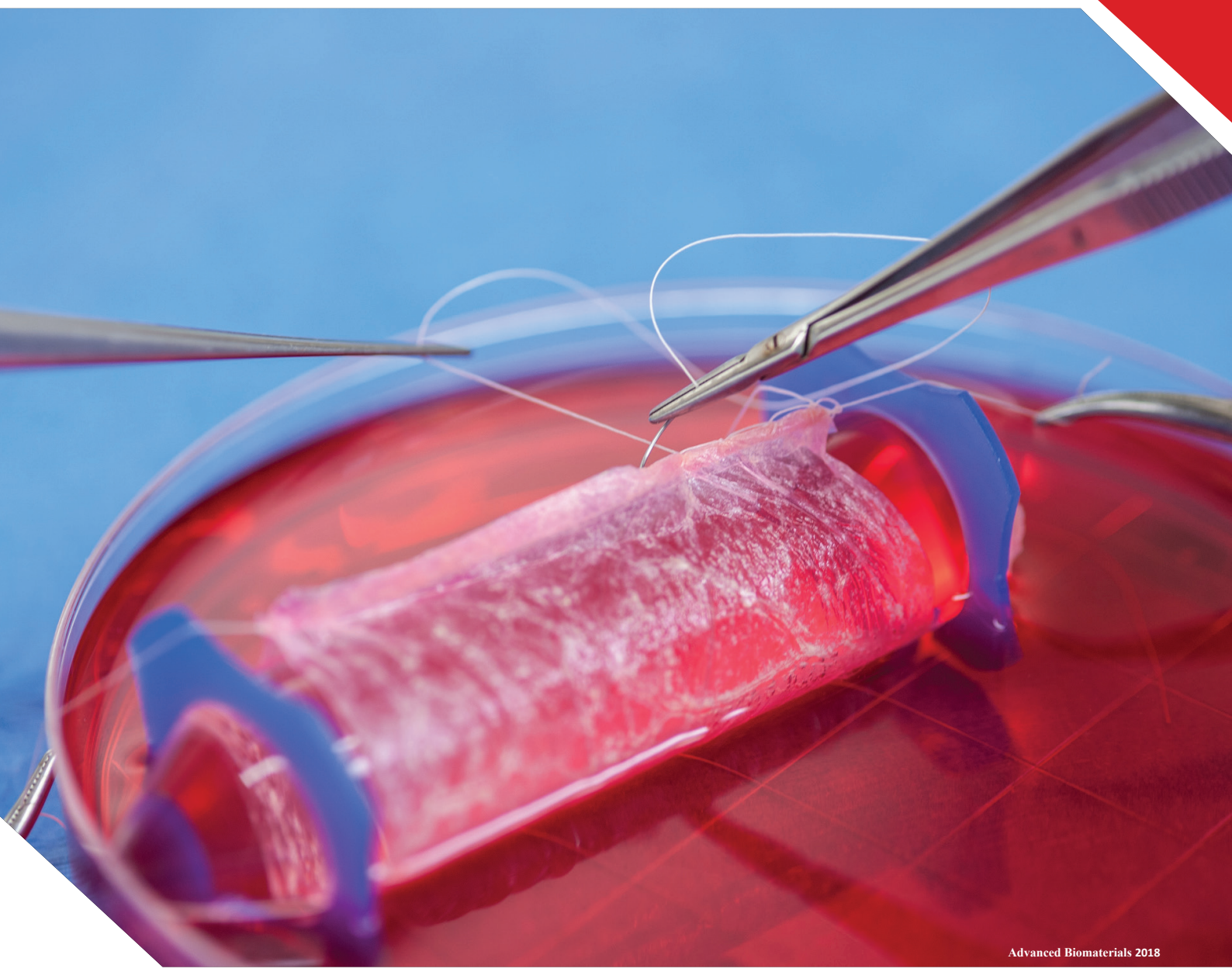
of Excellence in Medical Publishing

Scientific Program

WORLD CONGRESS ON

Advanced Biomaterials and Tissue Engineering

OCTOBER 17-18, 2018 | ROME, ITALY



Advanced Biomaterials 2018

Pulsus Group

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Scientific Program

Registrations
08:30-09:30

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Opening Ceremony
09:30-10:00

Day 1: October 17, 2018

Hall

Keynote Forum

10:00-10:40

Title: Polymeric and inorganic nanomaterials as promising tools for the battle against microbial biofilms

Iolanda Francolini, Sapienza University of Rome, Italy

10:40-11:20

Title: The effect of pore structure of collagen scaffold on cultured human chondrocytes in cartilage tissue engineering

Mahdi Hadi, Tofigh Daru Research & Engineering Company, Iran

Refreshments and Networking Break @ Mercure : 11:20-11:40

Sessions:- Biomaterials | Tissue Engineering | 3D printing of Biomaterials | Tissue Engineering in Tissue Repair | Regenerative Medicine | Biomaterials & Nanotechnology | Tissue Engineering and their Applications

Session Chair : Gianfranco Donelli, Microbial Biofilm Laboratory, Italy

Session Co-Chair : Iolanda Francolini, Sapienza University of Rome, Italy

Young Researcher's Forum

11:40-12:05

Title: The potential of innovative marine-derived Biomaterials

Cinzia Ferrario, University of Milan, Milan, Italy

12:05-12:30

Title: Routine checking for cells viability in deposition 3D printing

Chloé Devillard , 3d.FAB, ICBMS, Claude Bernard University Lyon 1 , France, Europe

12:30-12:55

Title: Investigating the structure-activity relationship of amphiphilic nucleophiles to hydrolyze major classes of pesticides in micellar medium

Subhashini Pandey, Institute for Stem Cell Biology and Regenerative Medicine (inStem), Karnataka, India.

Lunch Break @ Restaurant Mercure : 13:00-14:00

14:00-14:25

Title: Developing 17-β-estradiol releasing electrospun polyurethane scaffolds for pelvic floor repair

Sarah Shafaat, Kroto Research Institute, University of Sheffield, UK.

14:25-14:50

Title: Numerical Simulation of Tumor Growth: A Modified Mathematical Model for Behavior of Spheroidal Tumor Growth in a Microfluidic device Containing Microwell Structure

Ali Taghibakhshi, Sharif University of Technology, Iran

Refreshments and Networking Break @ Mercure : 14:50-15:10

Poster Presentations

WCAB-001

Title: 3D alginate hydrogels: impact of substrate stiffness on cellular response

Alejandra Suarez-Arnedo, Universidad de Los Andes, Colombia

WCAB-002

Title: Fabrication of a PDMS thin film with surface modification as a scaffold for animal cells

Ayoung Choi, KAIST, Republic of Korea

WCAB-003

Title: Marine by-products as source for functional and health-promoting biomaterials for tissue engineering applications

Stefania Scialla, Institute of Nanotechnology (NANOTEC), National Research Council (CNR), Italy

WCAB-004

Title: Altered expression of miR-9, miR-143 and LMNA is related to clinicopathologic and epidemiologic features in bladder cancer in Tunisia

Nouha Setti Boubaker, Laboratory of proteins engineering and bioactive molecules (LIP-MB), INSAT, Tunis, Tunisia

WCAB-005

Title: Development of Biomimetic Scaffolds for Controlled Release of Bioactive Agent

Farah Alwani Azaman, Materials Research Institute, Athlone Institute of Technology, Athlone, Ireland

Refreshments and Networking Break @ Mercure

Award and Closing Ceremony

B2B Meetings & Networking

