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30 Years

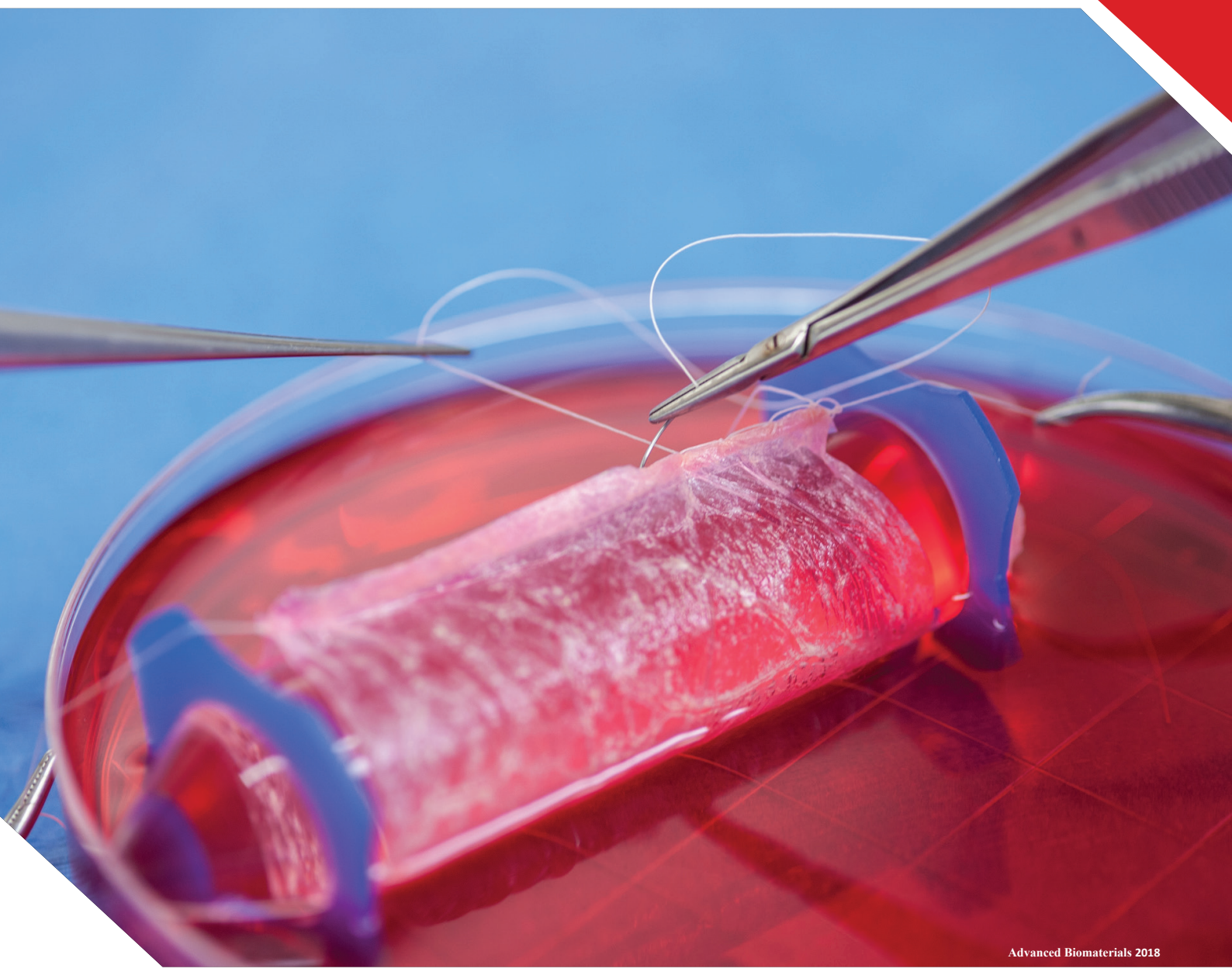
of Excellence in Medical Publishing

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

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

Session Introduction

10:40-11:10

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

E-J. Courtial E Petiot, Claude Bernard University Lyon , France

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

11:40-12:10

Title:The biorefinery based on biotransformation by Bacillus subtilis of meal from oilseeds

Mahdi Hadi, Islamic Azad University Science and Research, Iran

Young Researcher's Forum

12:10-12:35

Title: The potential of innovative marine-derived Biomaterials

Cinzia Ferrario, University of Milan, Milan, Italy

12:35-13:00

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

Subhashini Pandey, The Institute of Trans-Disciplinary Health Sciences and Technology, Karnataka, India.

Lunch Break @ Restaurant Mercure : 13:10-14:10

14:10-14:35

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

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

14:35-15:00

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

Poster Presentations

1

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

Alejandra Suarez-Arnedo, Universidad de Los Andes, Colombia

2

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

Ayoung Choi, KAIST, Republic of Korea

3

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

Refreshments and Networking Break @ Mercure

Award and Closing Ceremony

B2B Meetings & Networking

