These are important changes that affect the scheduling of the program, updated on Tuesday May 17, 2016.
These changes were not reflected in the published Program eBook or Abstract eBook. Please use the Congress App for the most updated program: mywbc.org

Congress Services

Registration Desk Opens at: 07:00am

Lunch: Please note the lunch boxes are biodegradable! You can throw them in the garbage and they will decompose over time!

Special Sessions

May 18 - 11:00
108 | Round Table Panel Discussion: Source of innovative ideas as the foundation for commercialization
  • New Presenter 108.3: Ian Freelance, Royal DSM, Cambridge, United States

May 19 - 10:00
207 | Science in Industry: 1 - Cardiovascular and Orthopaedics
  • New Presenter 207.2: SuPing Lyu, Medtronic, Mounds View, United States

May 19 - 16:30
235 | Science in Industry: 3 - Wound care and Biomaterials and anti-infective strategies
  • New Presenter 235.4: Daniel Smyth, Cochlear Technology Centre Belgium, Mechelen, Belgium

Affiliated Meetings

May 19 – 12:15 to 14:00 (Room516a)
Canadian Biomaterials Society (CBS) Annual General Meeting - open to members

May 19 – 15:30 to 17:00 (Room 448)
SFB and Latin America Bilateral Meeting (by invitation only)

May 20 – 15:30 to 17:00 (Room 448)
SFB and CSBM (China) Bilateral Mtg (by invitation only)

(See page 2-3 for Orals and Posters)
Oral Presentations

*Any presentations within an oral session that are marked as cancelled will be replaced with a 15 minute period of discussion time.

May 18 – 14:00
118 | GS Session Fibrosis and biomaterials
• 118.4 CANCELLED Regulation of foreign body reaction using nanofibers and microRNAs

May 18 – 16:30
138 | NF Session Biomaterials as stem cell microenvironments
• 138.4 The microenvironment and cell behavior
START TIME: 17:30
• 138.5 Integrin Specificity as a Novel Strategy for Enhancing Transplanted Stem Cell Survival and Tissue Repair in Vivo
START TIME: 17:45

May 19 – 16:30
239 | NF Session Biomaterials for bio-3D printing
• 239.7 CANCELLED: MOVED TO POSTER SESSION 1B: P.0836 In vitro fabrication of complex vasculatures embedded in 3D-tissues
• NEW ORAL TO REPLACE CANCELLED 239.7: Biomechanical properties of a novel small-diameter biomimetic artificial blood vessel – Lei Zhang, Tsinghua University, Beijing, P.R. China

May 20 – 10:00
313 | NF Session Injectable biomaterials for cell therapy and tissue engineering
• 313.3 CANCELLED: MOVED TO POSTER SESSION 2A: P.2639 Injectable hyaluronic acid bionanocomposite hydrogels: from biomaterial development to biological performance outcomes
• New start time of 313.4, 313.5, 313.6, 313.7, 313.8

May 20 – 14:00
323 | GS Session Biomaterials for control of tissue induction
• UPGRADED POSTER: 323.4 Functionalization of titanium implant surface for improving osteointegration (originally P.2874)

May 21 – 16:30
435 | GS Session Biomaterials for tissue substitutes: vascular tissue engineering
• 435.1 CANCELLED Creating Tissue-Engineered Blood Vessels as Disease Models and Drug Screening Platforms
Poster Session 1A:
P.0697 PVA scaffold design and evaluation of degradation after being subjected to three different methods of physical crosslinking – Ana Montiel, Universidad Nacional Autónoma de México, Mexico

P.0731 SEP cross-linked porous silk fibroin/PVA scaffolds for tissue regeneration: fabrication, characterization and cyto-compatibility studies - Mahesh K. Sah, Indian Institute of Technology Hyderabad, Medak, India

Poster Session 1B:
P.0284 Inhibition of metallothionein-dependent cisplatin resistance by RNA interference mediated by non-viral gene delivery – Hyung Jin, Hanyang University, Seoul, Korea

P.0288 Design and characterisation of thermo-responsive hydrogel for targeted delivery of bioceramic nanoparticles – Nicholas Dunne, Queen’s University Belfast, Belfast, United Kingdom

P.0896 Simulation of cellular traction force reconstruction using different marker beads densities – Yiting Chang, Graduate Student Researcher, National Taiwan University, Taipei, Taiwan

Poster Session 2A:
P.2049 Biological responses to the nanofibers – Seeram Ramakrishna, National University of Singapore, Singapore, Singapore

P.2637 Mechanical reinforcement of hydrogels with highly porous three-dimensional scaffolds made of micron-size melt electrospun fibres – Elena De-Juan-Pardo, Queensland University of Technology, Brisbane, Australia

P.2793 Hydrids novel 3D structures with potential use in biomedical and surgical applications - Rodrigo A. Rezende, Researcher / Project coordinator, Center for Information Technology Renato Archer (CTI), Campinas, Brazil

Poster Session 2B:
P.2212 Biodegradable radiopaque water responsive shape memory polymer-hydrogel composite: a device for temporary embolization therapy for liver cancer – Yee Shan Wong, Nanyang Technological University, Singapore, Singapore

P.2484 Novel formulation of poly(glycerol sebacate) and gelatin hydrogel without the use of crosslinkers – Kayla Wroblesky, R&D Engineer, The Secant Group, Telford, United States
WBC 2016 PROGRAM SUPPLEMENT