



Canadian Biomaterials Society
Société Canadienne des Biomatériaux

QUEBEC CITY STUDENT CHAPTER
CHAPITRE ÉTUDIANT DE QUÉBEC



LABORATOIRE DE BIOMATÉRIAUX
ET DE BIOINGÉNERIE DE
L'UNIVERSITÉ LAVAL

Dr. Marta Multigner

Rey Juan Carlos University, Madrid, Spain



Dr. Multigner obtained her Ph.D. in Materials Physics from the Complutense University of Madrid, where she conducted research at the Institute of Applied Magnetism. She later worked at the National Centre for Metallurgical Research (CENIM-CSIC). Currently, she is an Associate Professor at Universidad Rey Juan Carlos. Her research focuses on degradable biomaterials for additive manufacturing, magnetic nanoparticle-reinforced polymers, and the influence of magnetic fields on biomaterial degradation. She has authored more than 65 scientific articles, 3 book chapters, with more than 2000 citations, 11 patents and an index-H 24.

09h35 – 10h05 (EDT)

Contact: marta.multigner@urjc.es

Presentation in English



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Dr. Solange Landreville

Laval University, Québec, Canada



Dr. Landreville obtained her training in molecular and cellular biology in Québec and completed her Ph.D. at Université Laval. She is now a professor in the Department of Ophthalmology and Otorhinolaryngology–Head and Neck Surgery at Université Laval and a researcher at the CHU de Québec–Université Laval Research Center. Her research focuses on the molecular mechanisms involved in uveal melanoma and on understanding how tumor cells metastasize, particularly to the liver. Her work combines cell biology, molecular approaches, and translational research to identify new therapeutic targets and improve patient outcomes.

10h10 – 10h40 (EDT)

Contact: Solange.Landreville@fmed.ulaval.ca

Presentation in French



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Dr. Elodie Boisselier

Laval University, Québec, Canada



Dr. Boisselier obtained her Ph.D. from the University of Bordeaux (France), where she worked on the synthesis and functionalization of gold nanoparticles for biomedical applications. After a postdoctoral fellowship at Université Laval studying membrane proteins involved in eye diseases, she joined the Department of Ophthalmology in 2014 and is now a full professor. Her work has been cited more than 7,500 times, and she holds three patents related to pharmaceutical applications. Dr. Boisselier is also highly involved in interdisciplinary research and currently directs the Center for Research on Advanced Materials (CERMA).

11h20 – 11h50 (EDT)

Contact: Elodie.Boisselier@fmed.ulaval.ca

Presentation in English



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Dr. Sandra Carolina Cifuentes Cuéllar

Rey Juan Carlos University, Madrid, Spain



11h55 – 11h25 (EDT)

Dr. Cifuentes is an Associate Professor at Rey Juan Carlos University (Spain), specializing in degradable biomaterials for biomedical applications, particularly for bone regeneration and resorbable implants. She completed her PhD at the Spanish National Research Council (CSIC), where she developed polymer/magnesium composites. She has received international recognition, including being named among MIT Innovators Under 35. Along her career, she has combined research, teaching, and personal growth, and is passionate about supporting and inspiring young researchers, especially women in STEM.

Contact: sandra.cifuentes@urjc.es

Presentation in English



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