

# *CAMaR dedicates a week to the Health Sciences*

June 17-20

## SECTION A: Introduction

A day of biomaterials training in preparation for a hands-on workshop from Tuesday to Thursday

## SECTION B: Experimental work

Hands-on workshop on nanostructures synthesis and cell work

## SECTION C: Workshop on bionanomaterials

Invited talks taking us from the fumehood to the commercial production to the operating room

## SECTION D: Poster presentations

Time to share your work and enjoy lunch

## SECTION E: Panel discussions

*“Translational uses of Biomaterials”*

*“Innovation and entrepreneurship as key components in Translational Technologies”*

# CAMaR Biomaterials Training and Workshop. June 17-20, 2019. University of Ottawa

Title: *Bio & Nanomaterials for Clinical Translation*

*Tentative course syllabus*

Time	Monday 17	Tuesday 18	Wednesday 19	Thursday 20
	<b>SECTION A – ARC 233</b>	<b>SECTION C: A workshop within a course - ARC 233</b>		<b>SECTION E – ARC 233</b>
9:00 - 10:30	1- Introduction (Juan Scaiano) 2- Biosafety training (Lois Sowden-Plunkett)	Talks by: 1- <b>Fabio Variola</b> 2- <b>Robert Ben</b> 3- <b>Robert Jankov</b>	Talks by: 1- <b>Vincent Tabard-Cossa</b> 2- <b>Michael deLisio</b> 3- <b>Jazmin Silvero</b>	E1: Translational uses of Biomaterials: Mobilizing technologies and ideas in the Ottawa Valley <b>May Griffith, UofM</b> <b>Kathleen Marsman, BLG</b> <b>Christian Beaulé, OVPR</b> (Moderator: Emilio Alarcon)
10:30 - 10:50	Coffee break	Coffee break	Coffee break	Coffee break
10:50 - 12:20	3- Fundamental concepts on synthesis and characterization of Biomaterials (Veronika Sedlakova) 4- Cell-matrix interactions in Biomaterials (Veronika Sedlakova)	Talks by: 1- <b>Maria DeRosa</b> 2- <b>David Courtman</b>	Talks by: 1- <b>Duncan Stewart</b> 2- <b>Marc Ruel</b> 3- <b>Bill Stanford</b>	E2: Innovation and entrepreneurship as key components in Translational Technologies <b>Sulav Sharma, MITACs</b> <b>Estelle Chen, BMO</b> <b>Lorenzo Gutierrez, StarFish Medical</b> (Moderator: Marc Pearson)
12:20-13:00 13:00-14:00	Lunch break	<b>SECTION D</b> Lunch provided plus <b>POSTERS</b>	<b>Lunch &amp; Network</b> Lunch provided	Lunch break
14:00 - 15:30	5- Introduction to nanomaterials (Anabel Lanterna) 6- Examples of bionanomaterials (Jazmin Silvero)	<b>SECTION B – ARC 522 (SECTION A is a pre-requisite to take this section)</b>		
15:30 - 15:50	Coffee break	<b>Synthesis of nanostructures</b> <b>Cell viability experiments</b> <b>ARC 520/522</b>		
15:50 - 16:30	Preparation for your week in the lab (Jazmin Silvero & BEaTS)			

# Registration information:

- SECTIONS A & B: Joint registration.

Notice section A is a pre-requisite for the lab work (SECTION B). Aimed at graduate and advanced undergraduate students. Exchange visitors at the same level of study are welcomed.

- SECTION C: *Workshop on bionanomaterials* is open (no registration needed).

It helps us if you let us know that you are planning to attend.

- SECTION D: Poster session requires presenters to register and provide a tentative title.
- SECTION E: Discussion panels are open. Please join us.