



Canadian Biomaterials Society
Soci t  Canadienne des Biomat riaux

Quarterly Newsletter

Winter 2015



Letter from the President

Dear Colleagues,

As we are now well into the new year and in the swing of things, please take a minute to renew your CBS membership and check our website for updates on the 2015 Annual Meeting of the CBS in Toronto! The Program Committee has assembled a list of outstanding keynote speakers, and for the first time this year, attendees will have the opportunity to get a one-day free access to the Canadian Society for Pharmaceutical Sciences / Canadian Chapter of the Controlled Release Society Annual Symposium that will be held just blocks away from the CBS conference site. Online abstract submission for the CBS Annual Meeting is now open and can be accessed on the CBS website.

In addition, we would like to remind Ph.D. students about the CBS Visiting Scholar Award, giving the most promising young scientists the opportunity to visit another university / lab during their studies. Please check below and on the CBS website for more information.

Also, don't miss the deadline of March 1st to submit proposals for "New Frontier" Symposia at the World Biomaterials Congress (WBC) in 2016! More information can be found below and on the WBC2016 website.

Finally, if you have not had the chance yet, please take a few minutes to complete a short survey regarding the role of the International Union of Societies for Biomaterials Science and Engineering (IUS-BSE) in promoting biomaterials. More information can be found below. Your opinion counts and this is also a great opportunity to be involved as a CBS member! Thank you in advance.

All the best,

Isabelle Catelas

Renew your CBS Membership!

It's that time of the year when you need to renew your membership. The whole process can be completed online by following this link:

<http://www.biomaterials.ca/#!/membership/join>

Save the date! The next Annual Meeting of the Canadian Biomaterials Society will be held on the University of Toronto campus, May 27-30, 2015!



Join us in Toronto for the 2015 Canadian Biomaterials Society Annual Meeting, May 27-30, 2015 on the campus of the University of Toronto! This year's theme is "Next Generation Biomaterials". Abstract submission is open and can be accessed from this website:

<http://biomaterials.ca/#!/submit-abstract>

The conference will feature the latest biomaterials research from across Canada and around the world as well as outstanding keynote speakers, including:

Kinam Park (Purdue University) - Editor of the *Journal of Controlled Release* - Hydrogels and Nanoparticles for Drug Delivery

Michael Sefton (University of Toronto) - Alternative foreign body responses and regeneration inducing biomaterials

Daniel Kohane (Harvard University) - Remote-Controlled Biomaterials for Drug Delivery and Tissue Engineering

Julia Babensee (Georgia Tech) - Understanding Immune Responses to Biomaterials

Todd McDevitt (Gladstone Institutes) - Engineering Stem Cell Niches for Tissue Engineering

[Konrad Walus](#) (University of British Columbia) - 3D Printing of Engineered Tissues

[Nico Sommerdijk](#) (Eindhoven University of Technology) - Bio-inspired Hybrid Materials through Biomimetic Mineralization and Self-Organization

In addition to the technical program, CBS 2015 attendees will also enjoy the following benefits:

- *Free* access to the May 27 (Wednesday) program of the Canadian Society for Pharmaceutical Sciences/Canadian Chapter of the Controlled Release Society Annual Symposium (blocks away from the CBS conference site), including sessions on mucosal drug delivery and antibody-based therapeutics
- *Limited* access to a CREATE Tissue Engineering workshop on May 27 (sign up at registration, first-come, first-served)
- Outstanding networking opportunities, including lunch-and-learn events, speed networking, and the usual CBS collegiality!

Plan to join us in Toronto! We look forward to seeing you!

CBS Visiting Scholar Award

The Canadian Biomaterials Society is providing a Visiting Scholar Award to give to the most promising young scientists the opportunity to visit another university / lab with common research interests and stimulate their interest to pursue their career in the field of biomaterials. The award also intends to foster collaborations as well as exchange of technologies and ideas between Canadian universities in the field of Biomaterials.

Who is Eligible for the Award?

The award is opened to Ph.D. students in their 2nd year and above, working in the field of Biomaterials. The student must fulfill the two conditions given below to be considered for an award:

- Have been a member of the Canadian Biomaterials Society for at least 2 years at the time of application for the award. The supervising professors in the student home and hosting institutions should also be members of the Canadian Biomaterials Society.

- Have attended at least one annual meeting of the Canadian Biomaterials Society prior to the application for the award.

Value of the Award

This award has a value of a maximum of \$3,000, to cover travel and housing expenses for a visit of up to 2 weeks.

Application Procedure

- The student should submit:
 - a current CV including the list of publications;
 - a short summary describing the proposed research activities during his/her visit in the hosting institution (maximum 2 pages);
 - a one page budget summarizing the expected expenses.
- The supervising professors (both in the student home and hosting institutions) should submit a support letter.
- Applications are now due annually on July 1 (one award to be given per year). Send applications electronically to the CBS Secretary, Kathryn Grandfield (kgrandfield@mcmaster.ca). Results will be announced via the CBS website (together with a visiting scholar profile).

Information can be found on our website at:

<http://www.biomaterials.ca/#!/awards/cbs-visiting-scholar>

WBC2016 Call for “New Frontier” Symposia

Proposals will be accepted until March 1, 2015.

The WBC 2016 will be comprised of pre-determined scientific sessions and attendee-proposed NEW FRONTIER symposia, which will collectively represent thematic areas for abstract submission. **The attendee-proposed symposia will represent the frontier activity in biomaterials science and engineering, and are expected to be distinct from pre-determined scientific sessions.**

Each NEW FRONTIER Symposium will highlight a breakthrough topic that is uniquely innovative and complementary to broad scientific themes of the WBC2016 (see below). NEW FRONTIER Symposia

are intended to cultivate new paradigms, exploit innovative methodological approaches, and highlight fundamental questions that are being addressed, or create bridges between biomaterials and other scientific fields. By creating new path for biomaterials science and engineering, NEW FRONTIER Symposia are anticipated to be a regular feature of future national and international biomaterials meetings.

For more information, please visit the WBC2016 website at:

<http://wbc2016.org/index.php/program/call-for-symposia>

IUS-BSE Survey: Your Opinion Counts!

We recently sent you an E-mail with a survey link regarding the role of the International Union of Societies for Biomaterials Science and Engineering (IUS-BSE) in promoting biomaterials. If you have not completed it, please take a few minutes to do so. Your opinion counts!

<https://www.surveymonkey.com/s/FKF365W>

The IUS-BSE represents the international biomaterials community and is composed of two members from each of the constituent societies. The two current members representing our Canadian Biomaterials Society are Diego Mantovani and Ze Zhang, both from Laval University.

The IUS-BSE takes 4 responsibilities:

- (a) International promotion of biomaterials science and engineering;
- (b) Selection of venues for World Biomaterials Congresses ensuring scientific excellence;
- (c) Monitoring of progress in organization of World Biomaterials Congresses ensuring scientific excellence;
- (d) Designation of Fellows, Biomaterials Science and Engineering.

Up to now IUS-BSE's principal function has been to promote international biomaterials through its responsibilities b, c and d. The IUS-BSE is thinking about playing a more active role in promoting biomaterials and would like to hear from member societies. Under the board of directors of IUS-BSE, a subcommittee was formed for this task and the survey monkey tool was created by Laura Poole-Warren of The University of New South Wales to serve this purpose.

Please take this opportunity to be involved as a CBS member, and complete this very short survey!

CBS Newsletter editorial board

Isabelle Catelas

Lauren Flynn

Stephanie Willerth

Please contact willerth@uvic.ca if you want to contribute to our next CBS Newsletter.



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