

Skin Research Group Symposium

JUNE 1ST 2016

Held jointly with CCTC 2016

Websites: <http://www.skinresearchgroup.org>

<http://connective-tissue-canada.com>

Venue

Michael G. DeGroote Centre for Learning and Discovery

(MDCL-1110)

McMaster University

Hamilton, ON

Program

Wednesday, June 1st, 2016

7:30am - 8:30am Registration and Breakfast

8:30am - 8:45am Welcome Remarks by

Anie Philip, McGill University, Montreal, QC

Stéphane Roy, University of Montreal, Montreal, QC

8:45am Keynote by Dr. Marc Jeschke, University of Toronto, Toronto, ON
"Stem cells and their effect in wound healing after burn: not all good",

Session 1:

Moderators: Dieter P. Reinhardt & Boris Hinz

9:15am "The matricellular protein CCN2: insights into fundamental mechanisms of fibrosis."

Andrew Leask, University of Western Ontario, London, ON

9:30am "Autologous skin substitutes reconstructed using a tissue engineering method: A permanent graft for extensive burn patients",

Veronique Moulin, Laval University, Quebec, QC

9:45am "Ephrin-B2 shedding: A novel mechanism driving tissue fibrosis",

Mohit Kapoor, Toronto Western Research Institute, Toronto, ON

10:00am "Genotype-phenotype data from eight cases of Mosaic Neurofibromatosis type 1",

Peter Kannu, University of Toronto, Toronto, ON

10:15am "Targeting CD109 to control skin fibrosis and skin cancer metastasis."

Anie Philip, McGill University, Montreal, QC

10:31am – 10:45am COFFEE BREAK

Session 2:

Moderators: Andrew Leask & Veronique Moulin

- 10:45am “Myofibroblast –Macrophage interactions in tissue repair”,
Boris Hinz, University of Toronto, Toronto, ON
- 11:00am “Wound repair mediated by tissue-engineered constructs comprising
human adipose-derived stem/stromal cells”,
Julie Fradette, Laval University, Quebec, QC
- 11:15am “Anti-inflammatory properties of CD109 in the skin: role of NF-kappaB
pathway inhibition.”
Kenneth W Finsson, McGill University, Montreal, QC
- 11:30am “Reliability and Accuracy of a Wound Measurement App.”
Sheila Wang, McGill University, Montreal, QC
- 11:45am “Fibulin-4 and LTBP-4 are critical players in elastic fiber formation.”
Dieter P. Reinhardt, McGill University, Montreal, QC

12:01pm – 1:00pm LUNCH BREAK (in the foyer outside of room 1110)

Session 3:

Moderators: Julie Fradette & Kenneth W Finsson

- 1:00pm “The axolotl: a model of inspiration for tissue regeneration research”,
Stéphane Roy, University of Montreal, Montreal, QC
- 1:15pm “Integrin-linked kinase and redox state in keratinocytes.”
Lina Dagnino, Western University, London, ON
- 1:30pm “Fibulin4 is a chaperon for the structure and function of latent
transforming growth factor beta binding protein 4 (LTBP-4).”
Valentin Nelea, McGill University, Montreal, QC

Student Presentations:

Moderators: Mohit Kapoor & Veronique Moulin

- 1:45pm “Targeting TGF-beta Pathway in Squamous Cell Carcinoma.”
Shufeng Zhou, McGill University, Montreal, QC
- 1:55pm “Role of fibrillin-1 fragments in bone remodeling.”
Muthu Lakshmi Muthu, McGill University, Montreal, QC
- 2:05pm “Smads are differentially regulated in axolotl limb regeneration.”
Jean-François Denis, University of Montreal, Montreal, QC

- 2:15pm “Study of epithelial to mesenchymal transitions in axolotl limb regeneration”
Fadi Sader, University of Montreal, Montreal, QC
- 2:25pm “Interplay between cellular and plasma fibronectin in maintaining vessel wall integrity and function”,
Heena Kumra, McGill University, Montreal, QC
- 2:35pm “Modeling the regenerating wound environment using mechanically tunable collagen sheets”
Richard Cheng, University of Toronto, Toronto, ON
- 2:45pm “Cellular microRNA regulation by fibrillin-1 and fibronectin mediated through integrins”
Rongmo Zhang, McGill University, Montreal, QC

2:55pm – 3:15pm **COFFEE BREAK**

3:15pm – 4:15pm General Panel discussions

Panel Members:

<i>Boris Hinz</i>	<i>Andrew Leask</i>	<i>Anie Philip</i>
<i>Stéphane Roy</i>	<i>Dieter P. Reinhardt</i>	<i>Mohit Kapoor</i>

Topics for discussion:

- 1 SRG team-grant possibility.
- 2 Review Article by SRG members.

4:15pm ORAL PRESENTATION AWARDS & CONCLUDING REMARKS

Anie Philip, McGill University, Montreal, QC

Stéphane Roy, University of Montreal, Montreal, QC