

# ACB NEWS

ANATOMY & CELL BIOLOGY NEWSLETTER

## WELCOME TO ACB

Please welcome to our ACB Family, the new research and clinical anatomy students who have started in the ACB graduate program.

Maram Albakri (Lajoie) Katie Benitah (Laviolette) Victoria Jaramek (Whitehead) Qingfan Liu (Whitehead) Nicole Martin-Kenny (Berube) Braeden Medeiros (Allan) Brooke O'Donnell (Penuela) Austyn Roseborough (Whitehead) Meaghan Stoltz (Laviolette) Sanduni Wickramananda (Hamilton & Dubois)

Victoria Agapova, Diana Draghici, Mackenzie Ferguson, Katelyn Marchiori, Kaitlin Marshall, Hannah Roberts, Kevin Santiago, Michelle Woitowich, Liliana Wolak



September 2018

## IN THIS ISSUE

- **Welcome New Students**
- **Grant Success**
- **Awards & Scholarships**
- **Upcoming Events**
- **Social Scene**
- **New Publications**
- **Did You Hear**



## GRANT SUCCESS

Michelle Mottola is a co-investigator for a CIHR grant with PI Ryan Van Lieshout (McMaster University); Title is: "Self-regulation in the offspring of women enrolled in a RCT assessing the effectiveness of a Nutrition-Exercise Intervention for healthy gestational weight gain". **\$455,176.00 for 5 years.**

## AWARDS & SCHOLARSHIPS

Dr. Roberta Bgeginski was awarded the Western Postdoctoral Fellowship – matched by the Children’s Health Research Institute – Supervisor: Dr. Michelle Mottola, title: “Strategizing the best approach to prevent early excessive gestational weight gain using a Nutrition and Exercise Lifestyle Intervention Program (NELIP) and the Whaley & Harding Fellowship with co-supervisor Dr. Barbra de Vrijer; title: “Dietary, physical activity and anxiety profiles among obese pregnant women”. Two years - \$40,000.00.

Congratulations to Braeden Medeiros (MSc student in the Allan lab) for being the successful recipient of a Translational Breast Cancer Research Unit (TBCRU) Scholarship for the 2018-2019 academic year.

Cory Lefebvre, MD/PhD Candidate 2022, Supervisor: Dr. Alison Allan, recently won the 3 Minute Thesis (3MT) Competition at the 3rd Annual Schulich Clinician Scientist Trainee Symposium for his talk: “Understanding the kinomic changes of triple negative breast cancer in response to tyrosine kinase inhibitors”

## UPCOMING EVENTS

The 2018 Murray Barr Lecture will be held Friday October 5th, 2018 at 9:30 a.m. in Auditorium A, 3rd Floor, LHSC, University Campus.

Our guest speaker this year is Professor Sir Robin Murray, Professor of Psychiatric Research, Institute of Psychiatry, Psychology and Neuroscience King’s College (UK)

**Lecture Title: “Cannabis-associated psychosis; clinical significance and biological mechanisms”**

## SOCIAL SCENE

The 2018 ACB Annual Family BBQ is Sunday  
September 23rd at 1:00 p.m.

The event will be held at the Lakeside Pavilion,  
Fanshawe Conservation Area.

Please make sure you R.S.V.P.



## NEW PUBLICATIONS

Azzopardi E, Louttit AG, DeOliveira C, Laviolette SR, **Schmid S<sup>#</sup>** (2018) **The role of cholinergic midbrain neurons in startle and prepulse inhibition** J. Neurosci., *epub ahead of print*, doi: 10.1523/JNEUROSCI.0984-18.2018.

Scott KE, Schormans AL, Pacoli K, De Oliveira C, Allman BL\*, **Schmid S<sup>#</sup>** (2018) **Altered auditory processing, filtering, and reactivity in the Cntnap2 knockout rat model for neurodevelopmental disorders**. J. Neurosci., *epub ahead of print*, doi: 10.1523/JNEUROSCI.0759-18.2018.

**McLean, S., & Attardi, S. M.** (2018). Sage or guide? **Student perceptions of the role of the instructor in a flipped classroom**. *Active Learning in Higher Education*, 1469787418793725.

**Nandi P**, Lim H, Torres-Garcia EJ and **Lala PK**. **Role of decorin in trophoblast stem cell self-renewal and differentiation**. Scientific Reports, 2018, 8:8977 DOI: 10.1038/s41598-018-27119-4

Majumder M, **Nandi P**, Omar A, Ugwuagbo KC and **Lala PK**. **EP4 as a therapeutic target for aggressive human breast cancer**. International Journal of Molecular Sciences (Invited review) 2018. (Special issue "Cancer-Driver G Protein-Coupled Receptors as Therapeutic Targets") Int J Mol Sci. 2018 Mar 29;19(4). pii: E1019. doi: 10.3390/ijms19041019.

**Lala P.K, Nandi P** and Majumder M. **Roles of prostaglandins in tumor-associated lymphangiogenesis with special reference to breast cancer**. Cancer and Metastasis Reviews.2018, DOI: 10.1007/s10555-018-9734-0

Vargas-Terrones M, Barakat R, Santacruz B, Fernandez-Buhigas I, **Mottola MF**. **Physical exercise programme during pregnancy decreases perinatal depression risk: a randomised controlled trial**. Br J Sports Med. 2018 Jun 13. pii: bjsports-2017-098926. doi: 10.1136/bjsports-2017-098926. [Epub ahead of print]

Bø K, Artal R, Barakat R, Brown WJ, Davies GAL, Dooley M, Evenson KR, Haakstad LAH, Kayser B, Kinnunen TI, Larsen K, **Mottola MF**, Nygaard I, van Poppel M, Stuge B, Khan KM. **Exercise and pregnancy in recreational and elite athletes: 2016/2017 evidence summary from the IOC expert group meeting, Lausanne. Part 5. Recommendations for health professionals and active women**. Br J Sports Med. 2018 Sep;52(17):1080-1085. doi: 10.1136/bjsports-2018-099351. Epub 2018 Jun 12.

Kasawara KT, Paulino DSM, Bgeginski R, Cleghorn CL, **Mottola MF**, Surita FG. **Translation and Cultural Adaptation of the Short-Form Food Frequency Questionnaire for Pregnancy into Brazilian Portuguese**. Rev Bras Ginecol Obstet. 2018 Jun;40(6):313-321. doi: 10.1055/s-0038-1655750. Epub 2018 May 18.

# Did You Hear?

We have 2 new Co-Chairs for the ACB Graduate Student Council; Kelly Baines (Research) and Maddie Norris (Clinical Anatomy). We would like to thank outgoing Co-Chairs, Julia Abitbol (Research) and Oleksiy Zaika (Clinical Anatomy) for all their hard work and advocacy in these roles over the past few years.