

ANATOMY & CELL BIOLOGY

NEWSLETTER

December 2019

IN THIS ISSUE

Winter Holidays
Congratulations
Awards & Grants
Presentations & Conferences
Special Events
In Memorium
ACB Gives Back!
Social Corner

UPCOMING SEMINARS

January 10th, 2020
January 17th, 2020
January 24th, 2020
January 31st, 2020

JOURNAL CLUB MEETINGS

January 31st, 2020

SAVE THE DATES

Holiday Closure
December 22nd, 2019 -
January 2nd 2020

AOE Nominations
February 7th, 2020

STAY IN THE LOOP

Tag us at [#westernuACB](https://twitter.com/westernuACB)

 [@westernuACB](https://twitter.com/westernuACB)

 [ACB Graduate Council](#)



HAPPY HOLIDAYS FROM ACB!

Wishing everyone a fun-filled and safe Holiday Season and a wonderful New year! We will see everyone in 2020!

CONGRATULATIONS

The Department of Anatomy and Cell Biology would like to congratulate [Dr. Peeyush Lala](#) on being assigned section-editor for the Journal "Cancers".

Congratulations also goes to [Chidambra Halari \(Lala Lab\)](#) for being awarded a studentship from the Interdisciplinary Initiative Program in Stem Cells and Regenerative Medicine for the academic year 2019-2020

AWARDS & GRANTS

Congratulations to [Dr. Alison Allan](#) on receiving the Lawson Health Research Institute; Internal Research Fund (IRF); 2020-2021 for her project "Role of breast cancer-derived exosomes in priming the metastatic lung microenvironment".

Congratulations to [Dr. Tyler Beveridge](#) on receiving the Western Strategic Support for NSERC Success Seed Grant; 2020-2021 for his project "Functional organization of the neurons within the human aortic plexus."

Congratulations to [Dr. Arthur Brown](#) on receiving the U.S. Army Department of Defense Alzheimer's Research Program; 2020-2023 for "Next-generation humanized mice to investigate how TBI interacts with genetic risk factors to trigger dementia."

AWARDS & GRANTS

Congratulations to [Dr. Peeyush Lala](#) who has been selected as the recipient of the 2020 Henry Gray Scientific Award. This award is the American Association for Anatomy's (AAA) highest scientific honor which recognizes unique and meritorious contributions to and achievements in anatomical sciences by a distinguished member. As a Henry Gray awardee Dr. Lala is invited to give a 15-20 minute lecture at the Annual Meeting on Tuesday, April 7th 2020, in San Diego, CA

PRESENTATIONS & CONFERENCES

[Raphael, J.](#), [Mohamadi, R.](#), [Kiss, A.](#), [Trudeau M.](#), [Verma, S.](#) [Allan, A.](#), [Kelley, S.](#), [Helou, J.](#), [Lu, F-I](#), [Zhu, S.](#), and [Pritchard, K.](#) The association of circulating tumor cells with tumor response in breast cancer patients undergoing neoadjuvant chemotherapy. 2019 San Antonio Breast Cancer Symposium (SABC), San Antonio TX, December 2019.

[Lowe, L.E.](#), [Xia Y.](#), [Vieito, M.](#), [Kermanshah, Leyla](#), [Mohamadi, Reza](#), [Kapoor, Anil](#), [Kelley, S.O.](#), and [Allan, A.L.](#) Validation of circulating tumor cells (CTCs) and circulating endothelial cells (CECs) as biomarkers in clear cell renal cancer. 2019 Canadian Cancer Research Conference, November 2019, Ottawa ON.

[Xia, Y.](#), [Dieters-Castator, D.](#), [Brown, C.](#), [Kornmuller, A.](#), [Pittock, P.](#), [Flynn, L.](#), [Lajoie, G.](#), and [Allan A.L.](#) The role of lung-derived periostin in breast cancer metastatic behavior. 2019 Canadian Cancer Research Conference, November 2019, Ottawa ON.

[Goodale, D.](#), [Xia, Y.](#), [Postenka, C.](#), and [Allan, A.L.](#) Knockout of lung-derived osteopontin or selectins reduces metastatic colonization in an ex vivo model of breast cancer lung metastasis. 2019 Canadian Cancer Research Conference, November 2019, Ottawa ON

SPECIAL EVENTS



2020 SSMD AWARDS OF EXCELLENCE

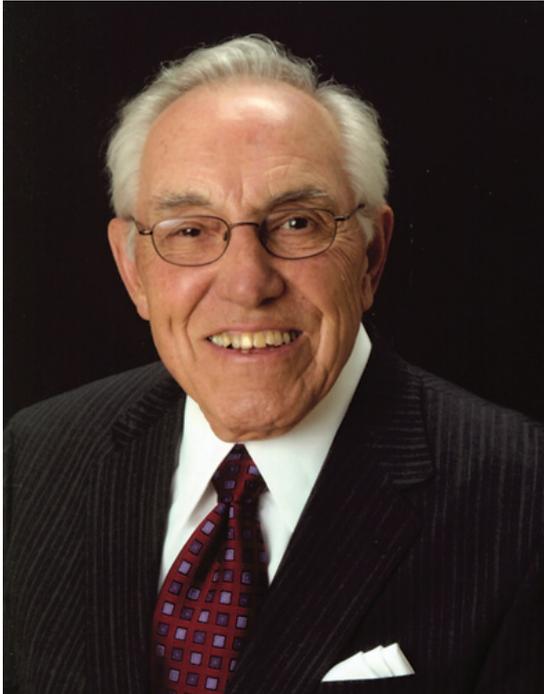
Take part in celebrating and recognizing the outstanding contributions of faculty and staff at the Schulich School of Medicine & Dentistry with an Award of Excellence.

Nominations are now open for London and Windsor Campus awards. To nominate someone, click on the link below, identify the campus and award, and submit the online nomination form.

The deadline for nominations is Friday, February 7, 2020.

Nominate a deserving individual today.

REMEMBERING DR. KEITH L MOORE



October 5, 1925

~

December 6, 2019

Chairs hosted by the Chief Coroner of Ontario. Keith soon became the Associate Dean of Basic Medical Sciences there and offered to donate a part of his textbook sales profits to create “Keith L Moore Doctoral Award” to outstanding students in our department, his own Alma mater. I gladly accepted this offer and this award continues to day. Keith and his wife Maryon used to visit our department on the Awards Day to hand this award in person, until Maryon passed away.

Prior to gaining an international reputation as an educator, Keith gained recognition in the emerging field of medical genetics. For example, he developed the very simple buccal smear test to identify genetic sex of individuals with questionable gender phenotypes.

Unknown to many, Keith was an ardent promoter of research. In 1989, at his invitation, I gave two seminars at the Faculty of Medicine in Toronto on our newly developed immunotherapy of cancer. In 1991 we co-organized an “International Symposium in Morphological Sciences” at the University of Toronto, bringing some luminaries such as Phillip Tobias, a legendary paleoanthropologist of the University of the Witwatersrand in Johannesburg. This meeting with Tobias was fortuitous. Later Bessie Borwein, a colleague in my department and an ex-student of Tobias, helped me in bringing him as a Royal Society Lecturer at Western to present three outstanding seminars on Human evolution.

Around 1993 both Keith Moore and Vid Persaud requested me to contribute a section on placental development in their Text book “ Developing Human, Clinically Oriented Embryology”, by Moore and Persaud. I happily agreed and this contribution has continued in every edition to date.

In 2015, Western honoured this legendary alumnus with the degree of Doctor of Science, (honoris causa) when he was physically frail. Even so, he was gracious to visit our department and hand over the Keith Moore Doctoral Award in person.

We will dearly miss Keith not only as a legendary anatomist, but also as a great friend, a colleague and a generous human being.

https://www.schulich.uwo.ca/anatomy/about_us/news/2019/dr_keith_l_moore.html

A personal reflection by Dr. Peeyush Lala

I came to know Keith as a reputed teacher of human embryology at the University of Manitoba since late Nineteen sixties, when I was teaching the same subject to medical students at the Department of Anatomy at McGill University. Quite un-expectedly he sought my collaboration in animating diagrams of early human development by adding a temporal dimension. This needed drawing a large number of color diagrams and was extremely difficult to achieve before the days of digital technology. Soon H.W Mossman at Cambridge produced short animation clips on early human development and both of us abandoned this idea. An intimate friendship started in 1976 when he stepped down as the Head of the Department of Anatomy and I was invited show an interest in that position by Dean Arnold Naimark. Keith cordially welcomed me to meet with the departmental faculty members and graduate students after my seminars. I decided not to accept the position for personal reasons, however Keith remained a close friend after moving to the University of Toronto as the Chair of Anatomy. I joined Western as the Chair of our department, we reconnected at the annual meetings of Ontario Anatomy

Chairs hosted by the Chief Coroner of Ontario. Keith soon became the Associate Dean of Basic Medical

Sciences there and offered to donate a part of his textbook sales profits to create “Keith L Moore Doctoral Award” to outstanding students in our department, his own Alma mater. I gladly accepted this offer and this award continues to day. Keith and his wife Maryon used to visit our department on the Awards Day to hand this award in person, until Maryon passed away.

Prior to gaining an international reputation as an educator, Keith gained recognition in the emerging field of medical genetics. For example, he developed the very simple buccal smear test to identify genetic sex of individuals with questionable gender phenotypes.

Unknown to many, Keith was an ardent promoter of research. In 1989, at his invitation, I gave two seminars at the Faculty of Medicine in Toronto on our newly developed immunotherapy of cancer. In 1991 we co-organized an “International Symposium in Morphological Sciences” at the University of Toronto, bringing some luminaries such as Phillip Tobias, a legendary paleoanthropologist of the University of the Witwatersrand in Johannesburg. This meeting with Tobias was fortuitous. Later Bessie Borwein, a colleague in my department and an ex-student of Tobias, helped me in bringing him as a Royal Society Lecturer at Western to present three outstanding seminars on Human evolution.

Around 1993 both Keith Moore and Vid Persaud requested me to contribute a section on placental development in their Text book “ Developing Human, Clinically Oriented Embryology”, by Moore and Persaud. I happily agreed and this contribution has continued in every edition to date.

In 2015, Western honoured this legendary alumnus with the degree of Doctor of Science, (honoris causa) when he was physically frail. Even so, he was gracious to visit our department and hand over the Keith Moore Doctoral Award in person.

We will dearly miss Keith not only as a legendary anatomist, but also as a great friend, a colleague and a generous human being.

https://www.schulich.uwo.ca/anatomy/about_us/news/2019/dr_keith_l_moore.html

ACB GIVES BACK



Join fellow students, staff and faculty in preparing and serving dinner to those in need at the upcoming St. John's community dinner. To register, please add your name to the volunteer sign up sheet by clicking [here](#)

DECEMBER INITIATIVE

Thank you to everyone who donated items to our Winter Wear Drive! We were able to fill a total of 3 boxes, which were donated to the St John the Evangelist Church to be given to those in need.

ACB GIVES BACK WINTER WEAR DRIVE

Help us keep our Community
warm this season



ICE CREAM SALE FUNDRAISER



Thank you to everyone who helped make the ACB Ice Cream Sale Fundraiser a huge success! Through your support ACB was able to raise a total of \$550. \$275 was donated to Anova in the form of Gift Cards and the other \$275 went to Salt Haven which is enough to support a baby fawn and 4 baby foxes.

p.s If you have a sweet tooth craving, there is still a small collection of novelty ice creams and popsicles available for \$1 and \$2

Department of Anatomy and
Cell Biology

THANK YOU
FOR HELPING
DONATE
\$275

To support anova
<http://www.anovafuture.org/>

Department of Anatomy and
Cell Biology

THANK YOU
FOR HELPING
DONATE
\$275

To support Salt Haven
<http://www.salthaven.org/>



The Social Corner



ACB Door Decorating Contest



Merry Crip-t-mas and Congratulations to our ACB Door Decorating Contest winners The Crip-t!

Thank you to everyone who participated, and helped make the 4th floor the most festive floor in Schulich!



Celebrating the Door Decorating Winner at the Grad Club



PENUELA LAB



RM. 467
ADDICTION
RESEARCH
GROUP



M 426
Dr. Silvia Penuela
Department of Anatomy and Cell Biology



RM. 430
LALA/RENAUD LAB



RM. 422
POSTDOC
OFFICE



RM. 440
TOM



RM. 454
DR. SHAWN
WHITEHEAD



RM. 443
ADMIN OFFICE



A FESTIVUS
FOR THE REST
OF US

RM. 485
HALEY LINKLATER

