

Publications of the Week
Rivaroxaban and Apixaban Induce Clotting Factor Xa Fibrinolytic Activity

First Author: Rolinda Carter (*pictured*) | Senior Author: Edward Prydzial
 The Journal of Thrombosis and Haemostasis | The Centre for Blood Research, the Michael Smith Laboratories, St. Paul's Hospital, and UBC



The authors suggest a previously unknown effect of direct oral anticoagulants (DOACs) on clotting factor Xa (FXa) in addition to their well-documented anticoagulant role. By enabling the tissue plasminogen activator cofactor function of FXa β in plasma, DOACs also enhance fibrinolysis. This effect may broaden their therapeutic indications. [Profile](#) | [Abstract](#)

Transcriptomic Evidence for Alterations in Astrocytes and Parvalbumin Interneurons in Subjects with Bipolar Disorder and Schizophrenia

First Author: Lilah Toker | Senior Author: Paul Pavlidis (*pictured*)
 Biological Psychiatry | The Michael Smith Laboratories and UBC



High-throughput expression analyses of postmortem brain tissue have been widely used to study bipolar disorder and schizophrenia. However, despite extensive efforts, no consensus has emerged regarding the functional interpretation of the findings. The authors hypothesized that incorporating information on cell type-specific expression would provide new insights. [Abstract](#)

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Awards
Congratulations to the 2018 UBC Faculty of Medicine Award Recipients!

BC Children's Hospital Research Institute



BC Children's Hospital is pleased to congratulate the recipients of the 2018 UBC Faculty of Medicine Awards. This includes Dr. Joanne Weinberg (*bottom left*), Professor Emeritus in the Department of Cellular and Physiological Sciences, who has been awarded the Bill and Marilyn Webber Lifetime Achievement award, which recognizes extraordinary faculty members who have had sustained distinguished careers at UBC in the areas of research, teaching and/or service. [Read More](#)

Congratulations to Dr. Stuart Turvey: Recipient of the 2018 Geoffrey L. Hammond Lectureship

BC Children's Hospital Research Institute



Dr. Stuart Turvey (*pictured*) is the recipient of the Geoffrey L. Hammond Lectureship, which recognizes investigators at BC Children's Hospital who have made a significant impact on improving the health and well-being of children and families, served as a role model and mentor to junior researchers, trainees and students over the last 10 years, and provided leadership to the community. [Read More](#)

Fourteen UBC Faculty Members Elected to Royal Society of Canada

UBC Research + Innovation



A total of fourteen UBC faculty members have been announced by the Royal Society of Canada as Fellows and as Members of the College of New Scholars, Artists and Scientists. New fellows include Dr. Shoukat Dedhar (*pictured*), Professor in the Department of Biochemistry and Molecular Biology, whose research in the field of cell adhesion has uncovered the molecular basis of how cells in the body adhere to the surrounding matrix. [Read More](#)

Dr. Gleave Invested as a Member of the Order of Canada

Vancouver Prostate Centre



Her Excellency the Right Honourable Julie Payette, Governor General of Canada, invested Dr. Martin Gleave (*pictured*) as a Member of the Order of Canada in early September at Rideau Hall. Dr. Gleave is a Professor and Head of the UBC Department of Urological Sciences, and Executive Director of the Vancouver Prostate Centre. [Read More](#)

MD/PhD Student Eric Zhao Awarded the 2018 Canadian Medical Hall of Fame Award

UBC Faculty of Medicine



UBC MD/PhD candidate, Eric Zhao (*pictured*), is the recipient of the 2018 Canadian Medical Hall of Fame Award. The award recognizes second-year medical students with an established track record of community leadership, superior communication skills and a demonstrated interest in advancing knowledge. Eric recently defended his PhD, developing computational methods to personalize cancer therapy using whole-genome DNA stability analysis. [Read More](#)

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Local News
BC Women's Hospital Premie Baby Biobank First of Its Kind in Canada

CBC News



Unique research is taking place at BC Women's Hospital. Dr. Pascal Lavoie, a neonatologist involved in the research, says that while other hospitals around the country have been working on similar studies, BC is the first province to open a preemie biobank for this type of work. The non-invasive research uses cord blood from premature babies pre-term delivery to study diseases and infections. [Read More](#)

HPV Vaccine Shows Higher Failure Rate in Girls or Women Living With HIV

UBC Faculty of Medicine



The HPV vaccine had a higher risk of failure with women who are HIV-positive, according to a recent study by lead author Elisabeth McClymont (*pictured*) at UBC. The national observational study followed women and girls living with HIV who received the vaccine, and compared their health outcomes with published data on vaccinated and unvaccinated women living with and without HIV. [Read More](#)

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Upcoming Events in Vancouver

- September 24 - 27 **International Chemical Biology Society 7th Annual Conference**
9:00 AM Vancouver Playhouse
- September 25 **LifeSciences BC Annual General Meeting**
8:00 AM Royal Bank Tower
- September 25 **Cafe Scientifique Vancouver**
7:30 PM Yagger's Downtown
- September 26 - 27 **Diabetes & Obesity Research in BC**
5:00 PM UBC Okanagan
- September 26 **ColliderCafe: Art. Science. Cadence.**
8:00 PM Cafe Deux Soleils

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BC Children's Hospital Research Institute
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