

SCIENCE IN VANCOUVER

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Publications of the Week

Sex-Biased Expression of Enteroendocrine Cell-Derived Hormones Contributes to Higher Fat Storage in *Drosophila* Females

First Author: Puja Biswas | Senior Author: Elizabeth Rideout *(pictured)*
eLife | BC Children's Hospital Research Institute and UBC



Enteroendocrine (EE) cells in the *Drosophila* gut produce and release multiple factors. Given that recent data identified sex-biased physiological effects of two EE cell-derived hormones on *Drosophila* food intake and energy mobilization, researchers performed a detailed characterization of these hormones in male and female flies. These data uncover strongly sex-biased regulation of EE cell-derived hormones. **Abstract**

View All Publications

Awards

Dr. Shaghayegh Nouruzi Receives CRS 2026 Next Generation of Scientists Award

Vancouver Prostate Centre



Dr. Shaghayegh Nouruzi *(pictured)*, a postdoctoral fellow in Dr. Zoubeidi's lab, has received a prestigious Cancer Research Society (CRS) 2026 Next Generation of Scientists Award. This highly competitive award supports emerging researchers in their transition toward research independence in Canada. Dr. Nouruzi's goal is to establish an independent multidisciplinary research program investigating how the metabolome and epigenome interact. **Read More**

Asli Munzur Receives 2026 PCFC Grant-in-Aid Research Award

Vancouver Prostate Centre



Asli Munzur *(pictured)*, a PhD candidate at the Vancouver Prostate Centre, has received a 2026 Prostate Cancer Foundation Canada (PCFC) Grant-in-Aid Award for her research investigating how prostate cancer responds to targeted radiation treatment. Her work monitors tumour DNA in the bloodstream to help improve treatment effectiveness and long-term outcomes. **Read More**

Hanwei Sudderuddin Awarded Killam Pre-Doctoral Scholarship

The BC Centre for Excellence in HIV/AIDS



Graduate Researcher Hanwei Sudderuddin *(pictured)* has been honoured with the Izaak Walton Killam Memorial Pre-Doctoral Fellowship. Established by the Killam Trusts and administered by the Faculty of Graduate and Postdoctoral Studies, this fellowship recognizes the most outstanding doctoral researchers in a range of fields of study at UBC each year. **Read More**

Announcing the 2026 Clinical Trials British Columbia Awards Recipients

Clinical Trial British Columbia



Clinical Trials British Columbia announced Dr. Barbara McGillivray *(pictured, right)* and Cindy Trytten *(left)* as recipients of the 2026 Clinical Trials British Columbia Awards. Every year, Clinical Trials British Columbia recognizes individuals and organizations who have made significant contributions to strengthening BC's clinical trials ecosystem. The award recipients demonstrate excellence in leadership, advocacy for clinical trials, and outstanding service. **Read More**

View All Featured Awards | View All Monthly Award Summaries

Local News

It's Prime Time: Can New Gene Editing Technologies Re-Write the Future of Health?

Nice Genes! Podcast



Many rare genetic diseases are caused by a "typo" in our DNA. For most, fixing that spelling mistake has been out of reach. But a recent clinical trial has changed everything. In this episode of the Nice Genes! Podcast, Ty Sperle takes us through his own story of being cured of a rare disease called chronic granulomatous disease while his doctor, Dr. Stuart Turvey *(pictured)* shares the science behind Ty's treatment and what it could mean for rare diseases more broadly. **Read More**

Lactation Drug Could Reduce Breast Cancer Risk After Childbirth, Study Suggests

UBC News



An international team of scientists co-led by Dr. Christopher Maxwell *(pictured)* has found that a lactation drug could reduce the risk of breast cancer in mothers after childbirth. Cabergoline, a medication used to stop milk production after pregnancy loss or when breastfeeding is not possible, is generally well tolerated by patients with few side effects. But it may also offer unexpected benefits. Women who had the medication were around 70% less likely to develop breast cancer. **Read More**

Rose, Bud, Thorn: Interview with Dr. Marco Todesco

UBC Michael Smith Laboratories (MSL)



The Michael Smith Laboratories is a truly unique research unit, one that marries biology with many technological disciplines. UBC MSL spoke with Dr. Marco Todesco *(pictured)*, an expert in evolutionary ecology and plant adaptation. Using the framework of Rose, Bud, Thorn, UBC MSL asked him to reflect on recent successes, future opportunities, and challenges facing his field. **Read More**

Cancer-Derived Lactic Acid as a Potential Upstream Contributor to Tumor Hypoxia

Communications Biology



Beyond its classic role in metabolism, lactic acid is a bioactive molecule that shapes tumor physiology by influencing immune responses. Drs. Ning Kang and Yuzhuo Wang *(pictured)* published a perspective in *Communications Biology* , proposing that cancer-derived lactic acid may contribute to the development and persistence of hypoxic tumor regions and sustain hypoxia-associated signaling. **Read More**

How Curiosity Shaped Dr. Callista Yee's Path to Neuroscience

Djavad Mowafaghian Centre for Brain Health



An Assistant Professor at UBC, Dr. Callista Yee *(pictured)* is combining genetics, genomics, and advanced microscopy to investigate the molecular blueprint that guides synapse formation, in hopes of one day discovering new therapeutic targets for neurological disorders. Dr. Yee discusses her career journey and how it has shaped how she mentors students today. **Read More**

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Upcoming Events in Vancouver

October 27 5:00 PM	**SFU Café Scientifique: Yukon Ho! Permafrost, Glacial Lake Yukon, Landscape Evolution and the Yukon Gold Rush** Online
October 30 6:00 PM	**After Dark: Sinister Science – Halloween Edition** Science World
November 2 4:00 PM	**2026 Don Rix Distinguished Keynote Address** Vancouver Convention Centre West
November 2 5:30 PM	**Bioentrepreneurship Night** Graham Lee Innovation Centre
November 3-4 7:30 AM	**LSBC's 11th Annual Invest in BC presented by Lumira Ventures** Vancouver Convention Centre West

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Science Jobs in Vancouver

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UBC

Therapeutic Specialist, Hepatology
GSK

Associate, Process Development
Aspect Biosystems

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SFU

Sample Preparation Technician
SGS

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STEMCELL Technologies

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STEMCELL Technologies

Research Associate
STEMCELL Technologies

Senior Scientist, Process Development (Upstream)
STEMCELL Technologies

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