

Publications of the Week

Heat Shock Transcription Factors Demonstrate a Distinct Mode of Interaction with Mitotic Chromosomes

First Author: Rachel Price | Senior Author: Sheila Teves *(pictured)*
Nucleic Acids Research | Life Sciences Institute and UBC



A large number of transcription factors have been shown to bind and interact with mitotic chromosomes, which may promote the efficient reactivation of transcriptional programs following cell division. To define the mechanisms governing transcription factor (TF) behaviour during mitosis in mouse embryonic stem cells, the authors examined two related TFs: heat shock factors 1 and 2.

[Profile](#) | [Abstract](#)

Early-Life Interactions Between the Microbiota and Immune System: Impact on Immune System Development and Atopic Disease

First Author: Katherine Donald | Senior Author: Brett Finlay *(pictured)*
Nature Reviews Immunology | Michael Smith Laboratories and UBC



Prenatal and early postnatal life represent key periods of immune system development. The authors detail the progression of immune system and microbiota maturation in early life, highlight the mechanistic links between microbes and the immune system, and summarize the role of early-life host-microorganism interactions in allergic disease development. [Abstract](#)

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Awards

Connie Eaves Honoured with 2023 YWCA Women of Distinction Award

UBC Medicine



UBC Faculty of Medicine Professor Dr. Connie Eaves *(pictured)* is the recipient of a 2023 YWCA Women of Distinction award in the category of Research, the Sciences & Technology. The annual awards, celebrating 40 years this year, honour individuals and organizations whose outstanding activities and achievements contribute to the well-being and future of our community. [Read More](#)

BC Researchers Receive \$9.6M in Funding to Support Cutting-Edge Work on Genomics Research for Hereditary Cancers and Genetic Disease Diagnosis

Genome BC



A pair of late-stage Genome BC research and development projects tackling major public health challenges through genomics are receiving federal support through Genome Canada. Dr. Jan Friedman *(pictured)* will lead a project to provide precision genomic diagnostics to critically ill babies and Dr. Kasmintan Schrader's project will validate parent-of-origin-aware genomic analysis for the most common hereditary cancer syndromes. [Read More](#)

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Local News

Bohlmann Lab Research on Western Redcedar Genome Sheds Light on Keystone Species

Michael Smith Laboratories



Researchers from the Dr. Jorg Bohlmann's *(pictured)* lab revealed genomic insights for a cornerstone forest tree species of the Pacific Northwest, the iconic Western Redcedar (WRC). For thousands of years, and long before the arrival of European settlers, WRC has been integral to a multitude of practical, cultural, and ceremonial practices of the Indigenous people of the region. [Read More](#)

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Upcoming Events in Vancouver

- May 19
8:30 AM

StemCellTalks Vancouver- Stem Cell Engineering: A Promising Tool for Regenerative Medicine
Life Sciences Institute
- May 23
12:00 PM

Overcome Your Resistance and Embrace Virtual Networking
SFU VentureLabs
- May 26
8:30 AM

Women in STEM Virtual Career Fair
Online
- May 26
4:30 PM

D.R.I.N.K.S. Vancouver
Mahony and Sons
- June 3
9:00 AM

11th Annual BC Obesity Conference
UBC Robson Square

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[STEMCELL Technologies](#)
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- Senior Program Associate, Cell Culture and Cell Processing Analysis**
[STEMCELL Technologies](#)
- Quality Control Specialist, Pluripotent Stem Cell Media**
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Other Science Jobs in Vancouver

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Canada's Michael Smith Genome Sciences Centre
- Associate Research Scientist, Functional Biology**
AbCellera
- Research Assistant/Technician 3**
UBC
- Senior Associate Scientist, Biophysical Characterization**
Amgen
- Research Associate, Analytical**
Cytiva

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