

Publications of the Week

Characterizing the Secretome of EGFR Mutant Lung Adenocarcinoma

First Author: Jennifer Luu | Senior Author: William Lockwood (pictured)
Frontiers in Oncology | BC Cancer Research Institute and UBC



This study provides insight into changes in secreted proteins during *EGFR* driven lung adenocarcinoma transformation that may play a role in the processes that promote tumour progression. The specific candidates identified can be harnessed for biomarker use to identify high risk individuals for early detection screening programs and disease management for this molecular subgroup of lung adenocarcinoma patients. [Abstract](#)

DPYSL5 Is Highly Expressed in Treatment-Induced Neuroendocrine Prostate Cancer and Promotes Lineage Plasticity via EZH2/PRC2

First Author: Roosa Kaarijärvi | Senior Author: Kirsi Ketola (pictured)
Communications Biology | BC Cancer Research Institute and UBC



Treatment-induced neuroendocrine prostate cancer is a lethal subtype of castration-resistant prostate cancer resistant to androgen receptor (AR) inhibitors. This study shows that AR suppresses the neuronal development protein dihydropyrimidinase-related protein 5 (DPYSL5), providing a mechanism for neuroendocrine transformation under androgen deprivation therapy. [Abstract](#)

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Awards

Dr. David Ng Receives UBC Science's Alumni Builder Award

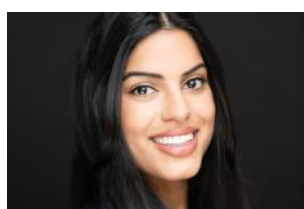
UBC Michael Smith Laboratories



Dr. David Ng (pictured), Director of the Advanced Molecular Biology Laboratory at the Michael Smith Laboratories, has been named UBC Science's Alumni Builder for 2024. The UBC Alumni Builder Award recognizes a cross-section of alumni representing all faculties who have significantly contributed to the University and enriched the lives of others. [Read More](#)

UBC Medical Student Navjit Moore Receives BC Medal of Good Citizenship

UBC Faculty of Medicine



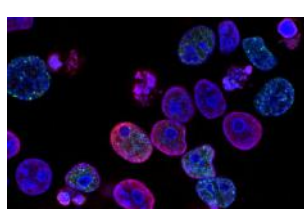
UBC medical student Navjit Moore (pictured) has received the BC Medal of Good Citizenship for her contributions to community life through her extensive volunteer work over the past ten years. Moore, a third-year MD student in the UBC Faculty of Medicine's Vancouver Fraser Medical Program, was among 21 awardees who received this honour. [Read More](#)

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Local News

NorthStar Medical Radioisotopes and Alpha-9 Oncology Enter Strategic Long-term Agreement for Supply of Actinium-225 (Ac-225)

PR Newswire



Alpha-9 Oncology Incorporated is a Vancouver-based clinical stage biotechnology company developing differentiated and highly targeted radiopharmaceuticals for treatment of a range of cancers. They announced a long-term strategic supply agreement for US-based NorthStar Medical Radioisotopes to provide Alpha-9 with its Ac-225 for use in its development and clinical programs. [Read More](#)

Emerging Biotech Startups Thriving in British Columbia

Best Startups Canada



As the birthplace of numerous biotechnology startups, British Columbia is home to some of the most innovative companies in the industry. New players are constantly entering the market, adding to its dynamism and vibrancy. This article delves into the stories of these businesses, including NanoVation Therapeutics and Axolotl Biosciences, and explores how they are making a mark. [Read More](#)

A Potential Pathway in Combating Pancreatic Cancer

Research2Reality



A study conducted by researchers at UBC sheds light on the intricate relationship between hyperinsulinemia, obesity, and the initiation of pancreatic cancer. Published in *Cell Metabolism* and led by Dr. James Johnson (pictured) and Dr. Janel Kopp, the study provides valuable insights into the molecular mechanisms that lead to pancreatic tumours. [Read More](#)

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Interesting Articles

Canadian Cancer Society/Lotte and John Hecht Memorial Foundation Disruptive Innovation Grants in Cancer Research

Canadian Cancer Society



Canadian Cancer Society and the Lotte and John Hecht Memorial Foundation have committed a total of up to \$4.0M over two years to jointly fund up to 16 Disruptive Innovation Grants in Cancer Research. The Disruptive Innovation Grants in Cancer Research program will provide a unique opportunity for researchers in cancer, or any other field or discipline, to test out their novel ideas for potentially game-changing impact in cancer prevention, detection, or treatment. [Read More](#)

Canada's Life Sciences Industry Needs Anchor Firms to Create World-Class Clusters: Report

Research Money



Canada's life sciences sector needs to grow as many anchor firms as possible to create world-class industrial clusters, according to a report by the adMare Institute. The life sciences industry comprises a robust innovation ecosystem, but it is missing the anchor firms required to establish internationally recognized, self-sustaining clusters, says the report. [Read More](#)

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Upcoming Events in Vancouver

- January 24 2:00 PM **SFU Open Science Town Hall**
SFU Vancouver Campus
- January 25 12:30 PM **Science & Environment Co-op Info Session**
SFU
- January 25 7:00 PM **One Health and the Changing Global Health Landscape – The Neglected Heartbeat Featuring Salome Bukachi**
SFU and Online
- January 26 8:30 AM **Life Sciences BC's 5th Annual Career Connect Day 2024**
Vancouver Marriott Pinnacle Downtown Hotel
- February 6 4:30 PM **McCarthy Spotlight Speaking Series: AI Advancing Life Science Innovation**
McCarthy Tetrault LLP

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Science Jobs in Vancouver

- Manager, Marketing and Communications**
Life Sciences BC
- Senior Project Manager**
NanoVation Therapeutics
- Laboratory Assistant**
LifeLabs
- Lead Research Technician**
UBC
- Assistant Bioinformatics Coordinator, Software Development**
BC Cancer Research Institute

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STEMCELL Jobs in Vancouver

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STEMCELL Technologies
- Scientific Sales Representative, Immunology**
STEMCELL Technologies
- Research Associate, Pulmonary**
STEMCELL Technologies
- Scientific Support Specialist, Cell Culture**
STEMCELL Technologies
- Manager, Quality Control, Cell Core**
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