


From: UBC Immunotherapeutics Research Excellence Cluster 000099bf29884666-dmarc-request@LISTS.UBC.CA 
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To: SUB-IMMUNOT@lists.ubc.ca SUB-IMMUNOT@LISTS.UBC.CA



Dear ImmunoT and ImmunoE Community,

Welcome to our bi-weekly newsletter. All are welcome to the upcoming events.

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NEWS

2025/26 ImmunoE NSERC CREATE Training Program – Apply Now! (Deadline July 25)

Graduate students and Postdoctoral fellows interested in joining the **ImmunoEngineering NSERC CREATE Program**, apply now for September 2025!

For more information and to apply, please visit our website: <https://immunot.ca/immunoe-create/>. The deadline for applications is **July 25, 2025 at 11:59 pm PT**. We look forward to receiving your applications!

Note that all **current ImmunoE graduate trainees** are required to submit a **mid-program renewal application** via an individual survey link by the same deadline, July 25. If you have not received this link, please let us know via e-mail at immunoengineering.create@ubc.ca.

SAVE THE DATE: Nov 12, 2025 – 2nd Annual ImmunoE Networking & ImmunoHackathon Pitch Event, 4-7pm

On **Nov 12, 2025**, during the midterm break, ImmunoE will be hosting its second annual industry networking event that will include the Immunohackathon pitches:

The **ImmunoE Networking event** will bring together trainees, academics and industry partners to review last year's achievements and to connect trainees with industry and academics to answer questions and explore career opportunities in immunoengineering. Potential new recruits can learn about the ImmunoE NSERC CREATE Program and all can enjoy complimentary appetizers and drinks!

The event will start with **ImmunoHackathon Pitches**, where teams will present their solutions to real-world immunoengineering problems for a chance to win prizes!

2025 ImmunoHackathon

2025 ImmunoHackathon

Everyone who had told us they are interested in participating in the ImmunoHackathon has been invited to the ImmunoHackathon MS Teams channel. Please email immunoengineering.create@ubc.ca if you would like to join the channel or if you have any trouble with access.

The **ImmunoHackathon Pitch Day** will be **November 12, 2025** (during the UBC fall midterm break), where teams will present their project.

Featured Reads from Nature Briefing

Organoids: now with blood vessels

Researchers have made [heart, gut, liver and lung organoids that can grow their own blood vessels](#). Most organoids lack the vessels necessary to transport blood, oxygen and nutrients, which has restricted their size, function and ability to mature. The research teams grew vascularized organoids by coaxing stem cells to form vessels as the rest of the tissue was growing, rather than trying to add blood vessels later as previous attempts have.

[Nature | 5 min read](#)

Reference: [Science paper](#) & [Cell paper](#)

Papers contain messages for AI's eyes only

Researchers have been sneaking secret messages into their papers in an effort to trick artificial intelligence (AI) tools into giving them a positive peer-review report. [Nature has independently found 18 computer science preprint studies containing such hidden messages](#) — in which text is specifically tailored to manipulate large language models (LLMs). Many publishers ban the use of AI in peer review, but there's evidence that some researchers do use LLMs to evaluate manuscripts or help draft review reports. This creates a vulnerability that others now seem to be trying to exploit, says forensic metascientist James Heathers.

[Nature | 6 min read](#)

Join us!

For **trainees** interested in joining the trainee committee, please e-mail immuno.therapeutics@ubc.ca.

We are currently recruiting additional members for September 2025.

For **trainees** interested in joining the [NSERC CREATE ImmunoEngineering training program](#), the deadline to apply is **July 25, 2025** for September enrollment.

Faculty and **industry** members wanting to contribute to ImmunoE, please email immunoengineering.create@ubc.ca or fill in this [survey](#).

Please send **items for the newsletter**, such as papers published, to immuno.therapeutics@ubc.ca.

Thank you!

Best,
ImmunoT & ImmunoE Team

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ImmunoTherapeutics Research Excellence Cluster

immuno.therapeutics@ubc.ca | @ImmunoT

<https://immunot.ca/>

The University of British Columbia | Simon Fraser University | University of Victoria |
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