

**Submittee:** Cedric Chauve

**Date Submitted:** 2017-10-31 14:42

**Title:** October VanBUG Seminar with Dr. Lior Pachter

**Event Type:** Lecture-Seminar-Series

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**Location:**

BC Cancer Research center, Vancouver

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**Dates:**

October 12, 2017

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**Topic:**

Mathematical and computational biology

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**Methodology:**

Public lecture, recorded and made available on the VanBUG website.

Meetings between the speaker and local faculty and trainees.

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**Scientific Highlights:**

The lecture of Dr. Pachter was remarkable to highlight how a rigorous mathematical point of view allows to revisit a classical topic (measuring differential expression) leading to a novel paradigm of data analysis.

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**Organizers:**

Chauve, Cedric, Mathematics, SFU

Hsiao, Will, BCCDC

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**Speakers:**

Shaun Jackman (student speaker), UBC, "Assembling genomes using 10x Genomics linked reads"

Lior Pachter (featured speaker), CalTech, "What do we mean by differential expression?"

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**Links:**

<http://www.vanbug.org/2017/lior-pachter/>

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