

Ph.D Positions in Biomanufacturing

Several PhD projects are available within the research team of Professor Bruno Gaillet (<https://www.fsg.ulaval.ca/corps-professoral/bruno-gaillet>) of the Department of Chemical Engineering at Laval University. These biomanufacturing-focused projects are supported by the Eastern Canada Pandemic Preparedness Hub (<https://ecapph.openum.ca/en/>) and the company Feldan Therapeutics (<https://www.feldan.com/>).

Specifically, these projects focus on improving the manufacturing processes of biotherapeutics and vaccines using the technology developed by Feldan Therapeutics:

- <https://pmc.ncbi.nlm.nih.gov/articles/PMC11514481/>
- <https://pmc.ncbi.nlm.nih.gov/articles/PMC11372590/>

Funding of \$35,000/year (for 3 years) is offered to students enrolled in a PhD program in chemical engineering at Laval University, provided they commit to completing the entire STAIR biomanufacturing training program.

Candidates must have experience in bioprocessing, molecular biology, virology and cell culture. Other experience will be considered. They must also have good organizational and communication skills in French or English, as well as a good work ethic. Applicants must have a Master's degree in science or engineering, such as biochemistry, microbiology, or chemical engineering.

Interested candidates should contact Professor Bruno Gaillet by email and send him a cover letter, curriculum vitae and transcript.

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