



1. PhD position in plant cell biology

2. PhD position in plant biomechanical modeling

The [Department of Plant Science](#) is located on the [Macdonald Campus](#) of [McGill University](#) on the West Island of Montreal, Canada.

The Geitmann Lab investigates the biomechanical properties and dynamics of cellular growth processes in plants. The current research program aims at studying the invasive behavior of tip growing cells (pollen tubes) and the cellular morphogenesis occurring during tissue development.

Candidates for the positions listed above are expected to either have expertise in **plant cell and molecular biology** or in **mechanical engineering (finite element modeling)**. Experience in image analysis, fabrication of microfluidic devices and/or Lab-on-Chip technology, or proficiency in MatLab are assets but not required.

The targeted start date of the PhD is September 2019. The [McGill enrolment](#) deadline for international students is March 15, 2019.

Please send a detailed CV with [cover letter](#), summary of your previous research activities and technical expertise, contact addresses of references to

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