



The Demaurex lab is looking for a motivated master student to study the role of the mechanosensitive calcium channel Piezo1 in neutrophil functions. Neutrophils are among the fastest cells in the organism, a feature permitted by the high deformability of these cells. The project on which you will embark will use cell lines and primary cells from mice to establish the role of Piezo1 in shaping the calcium signals that regulate neutrophil migration *in vitro*.

Qualifications: Applicants must hold a Bachelor degree in life sciences and a minimal experience in a research laboratory. Experience in cell biology, immunology and with imaging techniques are highly valued.

Proficiency in French is not necessary.

The lab is located in an international environment with state-of-the-art platforms. We are seeking a candidate with strong motivation and ability to think independently, willing to incorporate as early as February 2026 for a period of about 6 months. Internship will not be funded by the lab.

Applications: Candidates should send a letter of motivation, their CV, and contact details to nicolas.rosa@unige.ch

References:

Rabesahala de Meritens & Demaurex, Calcium Signaling in Migrating Neutrophils (2025).
doi: 10.1101/cshperspect.a041813