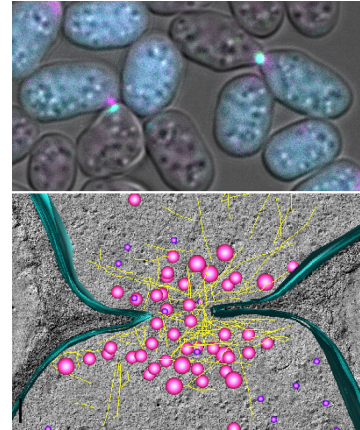




**UNIVERSITÉ
DE GENÈVE**

Faculty of Sciences
Department of Molecular and Cellular Biology



Post-doctoral position in cell biology

The Martin lab has an open postdoctoral position in cell biology to study cell-cell fusion.

We are looking for an enthusiastic postdoctoral researcher to probe into the molecular mechanisms of cell-cell fusion. The lab uses fission yeast as a model to understand how sexual partner cells orient, commit and fuse together once and only once. Several research projects are possible, for instance addressing MAPK signaling, cytoskeletal organization, pheromone communication or cell wall remodeling. The ideal candidate will bring an open and curious mind, be highly motivated to succeed in science and will have complementary competences to the lab strengths.

The lab has extensive competence in live-cell imaging and in vivo manipulations. We are located at the University of Geneva, in a vibrant research community with common interests in cellular, molecular and biophysical mechanisms. For more information, please consult <https://mocel.unige.ch/research-groups/sophie-martin> and/or contact Sophie Martin.

Recent references on cell-cell fusion from the lab

Coronas-Serna et al, *BioRxiv*, DOI: [10.64898/2026.01.27.701985](https://doi.org/10.64898/2026.01.27.701985)

Saha et al, *PLoS Biology*, in press (BioRxiv DOI: [10.1101/2025.05.05.652171](https://doi.org/10.1101/2025.05.05.652171))

Sieber B et al, *Nature Communications*, in press (BioRxiv DOI: [10.1101/2025.09.24.678297](https://doi.org/10.1101/2025.09.24.678297))

Thomas V et al, *J Cell Biol* 2025, DOI: [10.1083/jcb.202510018](https://doi.org/10.1083/jcb.202510018)

Bérard M et al, *PLoS Biology* 2024, DOI: [10.1371/journal.pbio.3002963](https://doi.org/10.1371/journal.pbio.3002963)

Billault-Chaumartin I et al, *Curr Biol* 2022, DOI: [10.1016/j.cub.2022.09.026](https://doi.org/10.1016/j.cub.2022.09.026)

Dudin O et al, *J Cell Biol* 2015, DOI: [10.1083/jcb.201411124](https://doi.org/10.1083/jcb.201411124)

Requirements

- PhD thesis (or planned defense at time of application)
- At least one first-author publication/preprint (can be in preparation)
- Curious and open mind with high motivation to excel in science
- Background in cell biology and/or biochemistry, with in-depth knowledge of the cytoskeleton, signalling, fungi, or related themes

How to Apply

Start date from June 2026 or upon arrangement. Please send motivation letter, CV, list of publications and the names and email addresses of 2-3 referees to Sophie.Martin@unige.ch.