

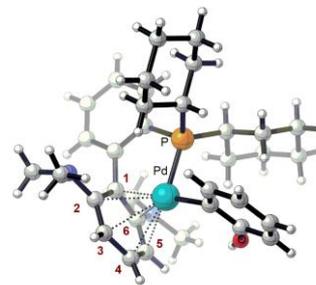


UNIVERSITÉ
DE GENÈVE

FACULTY OF SCIENCE
Department of Organic
Chemistry

Open PhD Position

Mazet Lab



The Mazet group offers a 4-year PhD position to a highly motivated, talented and dedicated student in organic chemistry, starting in Spring or Fall 2022.

The central themes of our research fall within **mechanistic** and **synthetic organic chemistry**. In this context, we place a particular emphasis on **selective catalysis**, driven by the devise of new reactivity patterns and the discovery of unprecedented reaction mechanisms. On one hand, the challenges associated with novel reactivity and selectivity often stimulates the interest for a given transformation. On the other hand, our selection of target reactions is guided by the objective of synthesizing small molecules that find applications in multiple areas such as food, fragrance, materials, medicinal chemistry, pharmaceutical. State-of-the-art physical-organic chemistry tools are often used to glean insight into the nature and the fate of the intermediates that govern all aspects of reactivity and selectivity. Supporting **organometallic chemistry** at the stoichiometric level often provides important structurally relevant mechanistic information.

The candidate must have a solid background in both synthetic organic chemistry and organometallic chemistry (air-sensitive compounds). A good knowledge in analytical methods is also expected (NMR, IR, MS, X-ray...).

Applications containing a cover letter, a curriculum vitae and the contact of at least two referees should be sent to the following e-mail address: clement.mazet@unige.ch

Doctoral School of the Organic Chemistry Department: The Department offers an internationally recognized program that focuses on cutting-edge research. The independent research activity is complemented by personalized courses, journal clubs, departmental lectures, annual summer schools in the Swiss mountains, teaching opportunities and, last but not least, a vibrant city life, lake and mountains for evenings and weekends. The Doctoral School offers financially very attractive fellowships as well as eligibility for a Swiss National Science Foundation fellowship to continue education with a postdoctoral experience anywhere abroad. The Doctoral School is in English.

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