



STudent REseArch Mobility Programme (STREAM) Project proposal



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Host University:
Universität Zurich / ETHZ

Field:
Animal work, Behavior, Neuroepigenetics, Biochemistry, Biology

Specified field, subject:
Memory formation



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Research project title:
Study of the role of miRNAs in memory formation

Possible starting month(s):

Sep	Oct	Nov	Dec	Jan	Fev	Mar	Apr	May	Jun	Jul	Aug
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Possible duration in months:

1	2	3	4	5	6
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Exact starting and end dates will be discussed between the supervisor and the student

Suitable for students in: Bachelor level Master level

Prerequisites:
The project requires good knowledge in neurobiology and genetics/epigenetics and some methodological know-how in molecular biology, and when possible behavior.

Restrictions:
NONE

Description (maximum 2,000 characters):
Controlled gene expression and the synthesis of new proteins are essential for the formation of long-term memory. The project studies the epigenetic mechanisms involving non-coding RNAs that regulate these processes. The main goal of the project is to determine the epigenetic basis of the mechanisms of memory. This project is offered by the University of Zurich / ETHZ. The project is available in the Fall and Spring semester. The project takes 2 semesters, however, up on mutual agreement, it is possible to extend the research period.

Note: Research project may be adapted according to the student profile and the period/timeline.



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University of
Zurich^{UZH}



Department:
Department of Health Science and Technology

Contact person, including position:
Katja Durkin, Project Manager, International Relations Office

Contact email:
Katja.durkin@int.uzh.ch

Deadline for nomination to reach host university:
Ongoing

Notification of admission given by the end of:
Given within 4 weeks

Additional information:
NA



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