Master Project Opportunity:

Multiomics analysis of the aging mouse brain

The group of Dr. Fornasiero at the Institute of Neuro-/Sensoryphysiology (Universitätsmedizin Göttingen) is looking for a Master student (m/f/d) to pursue a thesis research project of ideally six months. The student will learn the basics of **proteogenomic data analysis and integration**. The work will be aimed at studying **mouse brain aging** and will define the proteogenomic changes occurring at a global level during aging. All experimental data have been collected and the student will have the chance to contribute to the preparation of a publication. As such, we foresee that the student will obtain an authorship from this thesis work.

The successful candidate will focus on integrating mRNA measures and protein level changes from several mouse models of physiological and accelerated aging. The candidate should have **basic knowledge of programming/scripting languages (e.g., Perl, Python or Bash) and statistical data analysis environment (R and/or Matlab)**. A candidate familiar with Linux/Unix environment and basic understanding of next generation sequencing methods would be preferred.

If interested, please directly contact Dr. Fornasiero by email.

Eugenio F. Fornasiero *(PhD)*
Universitätsmedizin Göttingen (UMG)
Institut für Neuro- und Sinnesphysiologie
Humboldtallee 23
37073 Göttingen, Germany

Tel: +49 0551 39 67930
Fax: +49 0551 39 66031
Email: efornas@gwdg.de
Web: https://www.fornasierolab.uni-goettingen.de/