

Eawag, the Swiss Federal Institute of Aquatic Science and Technology, is a Swiss-based internationally active research institute within the domain of the ETH (Swiss Federal Institute of Science and Technology). It is committed to the ecologically, economically and socially responsible management of water.

Within the Department of Environmental Chemistry at the Swiss Federal Institute of Aquatic Science and Technology, Eawag, there is an opening for a

Master thesis in Environmental Chemistry

The master project will investigate biotransformation pathways of micropollutants, containing an amine functional group, in activated sludge microbial consortia sourced from wastewater treatment plants. Work within the project will entail biotransformation experiments in sludge-seeded bioreactors, sample separation via high-performance liquid chromatography, and identification of parent chemicals and transformation products by high-resolution tandem mass-spectrometry.

Suitable candidates for this project are expected to hold a BSc degree in environmental sciences or chemistry and to have particular interests in environmental/analytical chemistry.

The duration of the project will be 6 months. The master student student will be supervised by Rebekka Gulde (PhD student) and PD Dr. Kathrin Fenner.

Preferred start date is september 2013.

If you are interested in the project please contact Rebekka Gulde for further information (rebekka.gulde@eawag.ch , Phone +41 (0)58 765 5499).