

The Scientific Center for Optical and Electron Microscopy (ScopeM) is a central technology platform of the ETH Zurich and one of the leading core facilities in Switzerland offering access not only to high-end electron and light microscopy but also to high-content and high-throughput screening techniques. The screening unit offers lab automation, microscopy as well as image and data analysis services. It supports academic research groups mainly in RNAi or compound-based screens. To strengthen our team we are looking for you as of January 1st, 2016 or upon agreement as

Staff Scientist for screening with emphasis of lab-automation and related tasks (80-100%)

As a member of the screening team you will work with and further develop the lab-automation/liquid handling equipment of ScopeM. This includes the independent operation and programming of the robot, as well as the maintenance of our Tecan Evo liquid handling system and various other peripheries. You take care of the screening lab (BSL2 level) and the related cell-culture equipment. You help the users with their sample preparation tasks either via consulting or via direct services (e.g. completing different pipetting jobs with the system). These tasks may involve also the use of potentially harmful chemicals. You actively contribute to the establishment of screening-related standard operation protocols (SOPs) and to the design of our new robot system. You help to adapt and implement new screening techniques (e.g. CRISPR/Cas9 or 3D cell cultures) in ScopeM. The position is initially for one year but can be prolonged with the possibility to be converted to a stable staff position. The ETH Zurich offers a cutting-edge research infrastructure, a highly international environment and excellent working conditions.

You bring along a technical or research background (PhD is not required but can be advantageous) connected to lab-automation and/or life-sciences/biology. The suitable candidate is expected to have extensive practical experience in the following fields: lab automation, liquid handling instrumentation, cell culture and cell biology, high-throughput microscopy, high-throughput/high-content screening. Expertise in more than one field is a big plus. A solid IT knowledge is expected as well as the ability to deal with more monotonous tasks. You should be willing to expand your knowledge in new lab-automation/screening techniques and be ready to work in a highly interdisciplinary environment. Good communication skills, a customer oriented (patient and friendly) personality, solid English knowledge and being a team-player are essential for the position.

For further information please contact Dr. Gabor Csucs by phone, +41 79 758 21 58, or e-mail, gabor.csucs@scopem.ethz.ch (no applications), and visit our website <http://www.scopem.ethz.ch/>.

Applications with a cover letter and full CV should be submitted online <https://apply.refline.ch/845721/4347/pub/1/index.html> and addressed to: ETH Zurich, Human Resources, Mr. Michael Wobmann, CH-8092 Zurich.