



## Umeå University – BioN program partner



Umeå geography

Umeå University is situated at the mouth of the Ume River 600 km north of Stockholm and about 400 km south of the Arctic Circle. Umeå University is one of the youngest Swedish universities, it was inaugurated in 1965, by the then king, Gustav VI Adolf. During 1965 there were only about 2000 students. Today the total of students is approximately 33 000 enrolled in 120 various programs.

In addition, Umeå University together with Norrland's University Hospital employs more than 10000 people out of 110000 population of Umeå Commune.

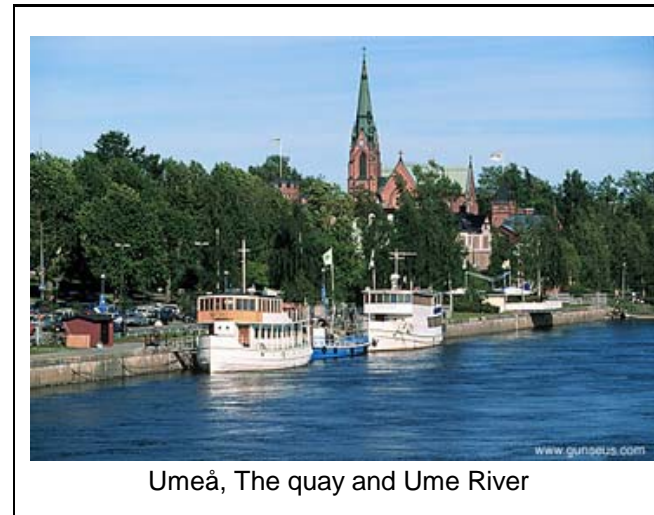
At Umeå University there are four faculties: the Faculty of Arts; the Faculty of Medicine; the Faculty of Social Sciences and the Faculty

of Science and Technology.

Department of Integrative Medical Biology (IMB), a partner of the BioN program, belongs to the Faculty of Medicine, which has 13 departments and 12 academic programs. Within the faculty there are about 3 000 undergraduate and 500 postgraduate students. There are also about 1 100 employed persons, among them about 550 teachers and researchers.

IMB has three sections, Anatomy, Histology & Cell Biology, and Physiology. IMB research projects deal with aspects of neurobiology, myology, diabetes and secretion. Basic education in anatomy, cell biology, physiology and histology is given mainly to medical, dental, biomedical and cognitive science students.

In BioN program IMB is represented by the Ion Channel Laboratory led by professor Staffan Johansson. The lab is equipped with advanced patch-clamp and imaging setups and routinely involved in research training of students aiming at studies of various aspects of cellular neurobiology such as synaptic plasticity and neuronal excitability.



Umeå, The quay and Ume River