

## **Sven Nelander - Characterization of brain tumours using systems biology**

Sven Nelander's group develops new, systems biology based strategies to chart the molecular networks that cause cancer. The goals are to understand the importance of regulatory changes in cancer cells and to guide the development of new anticancer therapies, tailored to target specific vulnerabilities in the individual patient. They mainly focus on the brain tumor glioblastoma, which affects more than 10,000 Europeans every year and are developing a unique platform to study the cancer stem cell (CSC) population of these tumors.