



**Room 406AB: Sunday, February 16**

**10:30 AM – 12:00 PM**  
**Sophion Bioscience A/S**

**Recent Advances in Automated Patch Clamp Assays with QPatch, QPatch Compact, and Qube Systems**

Effective ion channel drug discovery demands the seamless integration of advanced technologies and streamlined workflows. Sophion Bioscience is at the forefront of automated patch clamp technology, offering innovative solutions for low, medium, and high-throughput applications tailored for both industry and academia. Our QPatch and Qube systems are fully automated, while the QPatch Compact system offers a semi-automated option, providing flexibility for a range of research needs.

With the QPatch and Qube, researchers can perform 8, 16, 48, or up to 384 parallel patch clamp recordings, supported by sophisticated computer-controlled liquid handling and on-board cell handling capabilities in the automated models. The QPatch Compact, a more hands-on system, allows for individual or simultaneous recordings across 8 channels, enabling precise control and adaptability in experiments.

Sophion's platforms deliver robust, reliable workflows for ion channel and electrophysiology applications, accelerating the discovery and development of therapeutics targeting ion channels.

Join us for a workshop where speakers will explore practical applications of the QPatch, QPatch Compact, and Qube systems in drug discovery, offering valuable insights into optimizing ion channel research through these cutting-edge tools.

**Speaker**

Daniel Sauter, Application Science Manager, Sophion Bioscience A/S