

Screening Service

flyion GmbH, the leading provider of glass pipette-based automated patch clamp technology, offers unique electrophysiological services to the life science industry.

Located in Tübingen, Germany, flyion GmbH provides fast, confidential, and customer specific solutions for in-house screening and compound profiling.

Automated Electrophysiology

- ◆ Expression Screening
- ◆ Compound Profiling
- ◆ Safety Pharmacology

Throughput*

- ◆ 4 operational Flyscreen®8500 APC robots
- ◆ 192 ChipTips generate 288 data points per day
- ◆ 288 data points result in 16 IC/EC - 50 curves per day (6 point dose/response, n=3)

* The calculation of the daily throughput is based on the following assumption: 1 control + 2 compounds/concentration per consumable; a 50% success rate of completed experiments. This calculation is an average and the actual throughput of a screening campaign can be higher or lower, depending on the target and the compounds used.

For information on a specific screen and a price quotation please contact flyion at: services@flyion.com.

flyion's pipette-based ion channel screening platform, the Flyscreen®8500, leads the revolution in ion channel drug discovery. It uses an elegant concept, the capture of a target cell inside a glass tip, to automate and simplify a process that has hitherto required highly skilled technicians. Exceptional staff in the field of molecular biology and neuroscience, combined with pharma networking and business-oriented managing skills provide an excellent framework for the prospective clients. Further information can be obtained at services@flyion.com.