

Ken Parmentier

Neuromics Support Facility
Genomic Service Facility
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Education

BSc Medical Laboratory Technology, KdG Academy, 2014
BSc Pharmaceutical Biomedical Laboratory Technology, KdG Academy, 2015

Current Position

2015 Lab Technician Genomic Service Facility

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Keywords

Sanger Service – Quality Control – PCR – Validation – Customer Care – High Throughput DNA Sequencing

Science

I Joined the GSF (Genomic Service Facility) in 2015, as part of the Neuromics Support Facility. Within this group we provide services for the center or for external clients. As services for the center we provide purification from sequencing plates, Genotype, sequencing loading service on the 3730XL DNA Analyzer and providing them with products and information. For external clients we offer High throughput DNA Sanger sequencing and Genotype services on the 3730XL DNA Analyzer.

Expertise

Biochemical techniques

- Loading samples on MODULAR E and MODALUR P
- Calibration and maintenance from MODULAR E and MODULAR P
- HPLC for detection of Vitamins A and E

DNA Techniques

- PCR
- Sanger sequencing
- DNA extraction from blood (QIAcube)
- Quality control (Qubit, Nanodrop and DropSense)
- Plasmid extraction (CosMCprep)

Customer Care

Automatization

- Beckman Coulter Biomek Nx(P)

- ABI 3730XL DNA Analyzer - operation and maintenance

Validation

- Evaluation of the Bioarray HEA BEADCHIP method for Genotyping of blood group antigens
 - Evaluation of the GenElute Blood Genomic DNA and LookOut PCR detection kit for periodic mycoplasma testing

Programs

- Glims lims system
- Gentli (inhouse lims system)
- Microsoft office