

University of Oslo – Centre for Molecular Medicine Norway (UiO NCMM)

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Dr. Johannes Landskron (Research Manager)

„EU-OPENSREEN connects chemical biology experts across Europe in an exceptional infrastructure. Together with the comprehensive compound library, this opens unique possibilities for our users. We are looking forward to the collaboration.“

At a glance

- Specialized screening site within EU-OPENSREEN and managing node for the national Research Infrastructure NOR-OPENSREEN
- Core facility for the University of Oslo and Oslo University Hospital
- Access to the EU-OPENSREEN European Chemical Biology Library and European Academic Compound Library
- Visiting researchers can develop assays with our team
- Access to a variety of local core facilities like Genomics, Proteomics and Bioinformatics
- Competence in biochemical / cell-based assays and precision medicine

Infrastructure and technical focus

- Laboratory for assay development and transfer
- Large scale, fully automated screening platform for optical readouts (Access Workstation acoustic and classic liquid handling)
- Automated sample preparation for advanced high throughput flow cytometry assays
- Biosafety Level 2 cell culture for primary human cells
- Competence in immunology, characterization of immune cells and intra cellular signaling



Projects past and present

2020 | BioMedData Implementation of FAIR (Findable, Accessible, Interoperable and Reusable) data management / coordinated by ELIXIR Norway → [Link](#)

2020 | FUCOMED Characterization and utilization of Fucoidan from Seaweed → [Link](#)

2016 | NOR-OPENSREEN Managing partner of the national Norwegian RI for Chemical biology and bioprospecting → [Link](#)

Our science in selected publications

An in vitro assay for biomarker discovery and dose prediction applied to ibrutinib plus venetoclax treatment of CLL
→ [Leukemia \(2020\), 34, 478–487](#)

Identification of small molecule NPR-B antagonists by high throughput screening – potential use in heart failure
→ [Naunyn-Schmiedeberg's Arch Pharmacol \(2014\), 387, 5–14](#)

A Cell-Based High-Throughput Assay for Gap Junction Communication Suitable for Assessing Connexin 43–Ezrin Interaction Disruptors Using IncuCyte ZOOM
→ [SLAS Discovery \(2017\), 22, 77–85](#)

Assay development for the discovery of small-molecule inhibitors of YadA adhesion to collagen
→ [The Cell Surface \(2019\), 5, 100025](#)

Further info and site-contact

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