

# SEMINAR

## Antibodies as Biomarkers:

How to reliably detect multiplexed proteomic changes

**Biomarkers** are measurable indicators of normal biological function, indicate pathogenic processes or indicate changes due to a treatment with therapeutic drugs. Biomarkers are mostly used as diagnostic, prognostic or predictive tools. Typically, Biomarkers today are related to the protein field e.g. Cytokines, but in this Seminar, we want to learn more about a highly robust alternative – Antibodies, precisely Autoantibodies. Antibodies are not just produced by infectious disease. The humoral immune system surveys the body for danger and marks potentially harmful proteins with antibodies. This includes aberrantly expressed proteins that often appear in diseases like Cancer, Autoimmunity or Neurology. Learn how to take advantage of antibody profiling and how this can be realized with high-precision, high-reproducibility and high-sensitivity in a biologically relevant form.

**When:** 31<sup>th</sup> January; 13.00h

**Where:** CMMC Seminar Room (Bld.66)

**Host:** Debora Grosskopf-Kroiher

**Speaker:** Thomas Bauer-Jazayeri

**PLEASE REGISTER HERE**



In cooperation with



CENTER FOR  
MOLECULAR MEDICINE COLOGNE

