

# INTRODUCTION TO THE CLOUD FOR PROTEOMICS



Learn how to effectively use the bioinformatics tools offered by **BIOINFRA.PROT** in the cloud.

## **PIA** - *PROTEIN INFERENCE ALGORITHMUS*

PIA allows to inspect and combine the results of proteomics search engines. The main focus lays on the integrated inference algorithms for identification and quantification purposes.

## **BIONDA** - *A FREE BIOMARKER DATABASE*

BIONDA is a free, up-to-date and user-friendly biomarker and biomarker candidate database that facilitates any kind of research on protein biomarkers and the corresponding diseases.

## **CALIBRA***CURVE*

CalibraCurve is a tool intended for the generation of calibration curves in the context of MRM (targeted proteomics) experiments. Such calibration curves are necessary for the selection of suitable transitions.

## **STAMPS**

STAMPS is a pathway-centric web service for the development of targeted proteomics assays. In combination with Skyline, it offers a streamlined pipeline for identification and quantification in targeted proteomics analyses.

DATE:	23.11.2020
VENUE:	Online training event!
FEE:	This course is for free!
FURTHER DETAILS:	<a href="https://www.denbi.de/training">https://www.denbi.de/training</a>
REQUIREMENTS:	Computer, headset, camera, stable internet connection
REGISTRATION:	<a href="https://mpc-owncloud.phc.ruhr-uni-bochum.de/apps/forms/pTxsX2PAsZCtpCRR">https://mpc-owncloud.phc.ruhr-uni-bochum.de/apps/forms/pTxsX2PAsZCtpCRR</a>
CONTACT:	<a href="mailto:bioinfoservice@rub.de">bioinfoservice@rub.de</a>