

# The Sample Preparation & Characterization core facility at EMBL Hamburg

Stephan Niebling 1,2

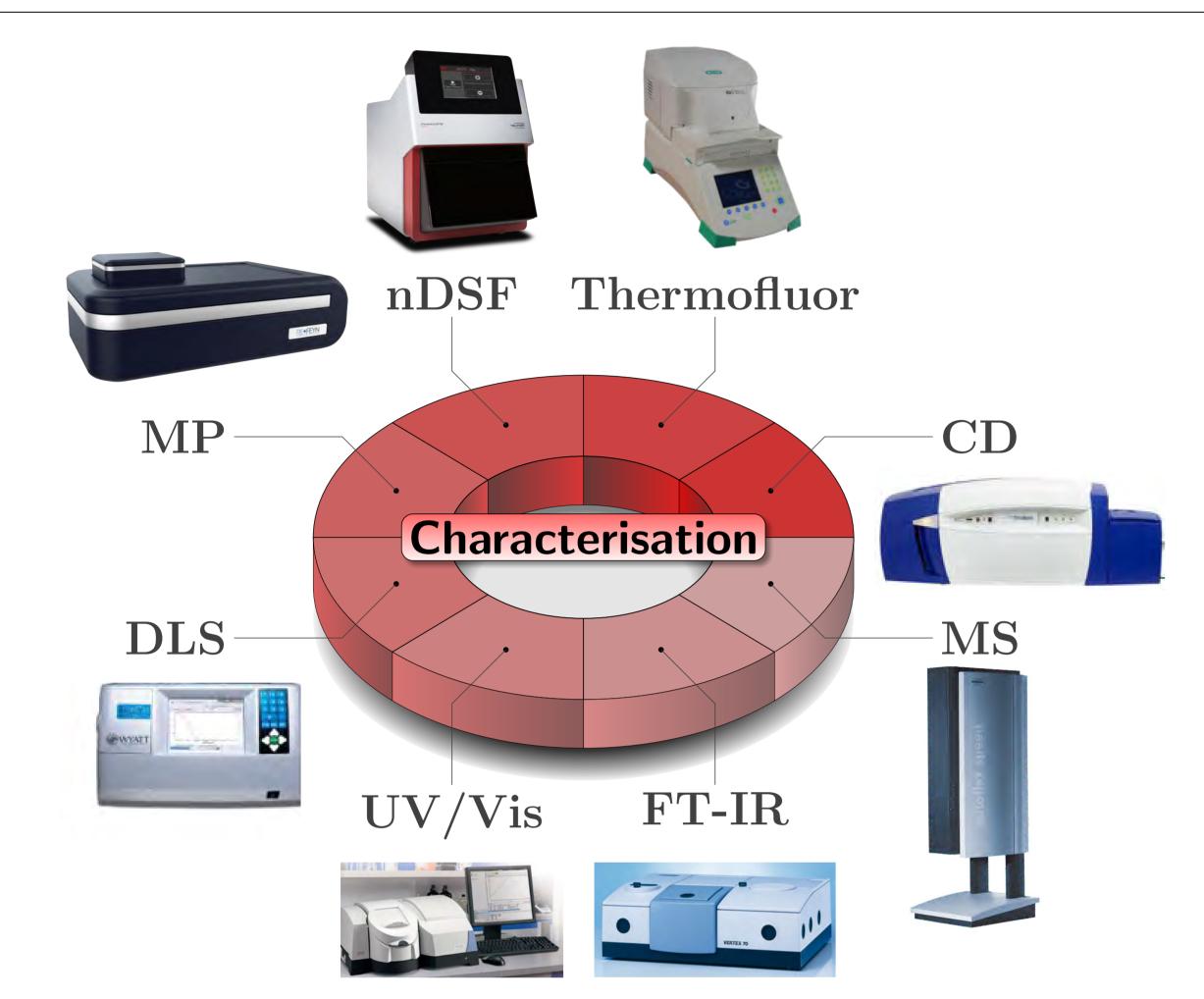
Angelica Struve García 1,2

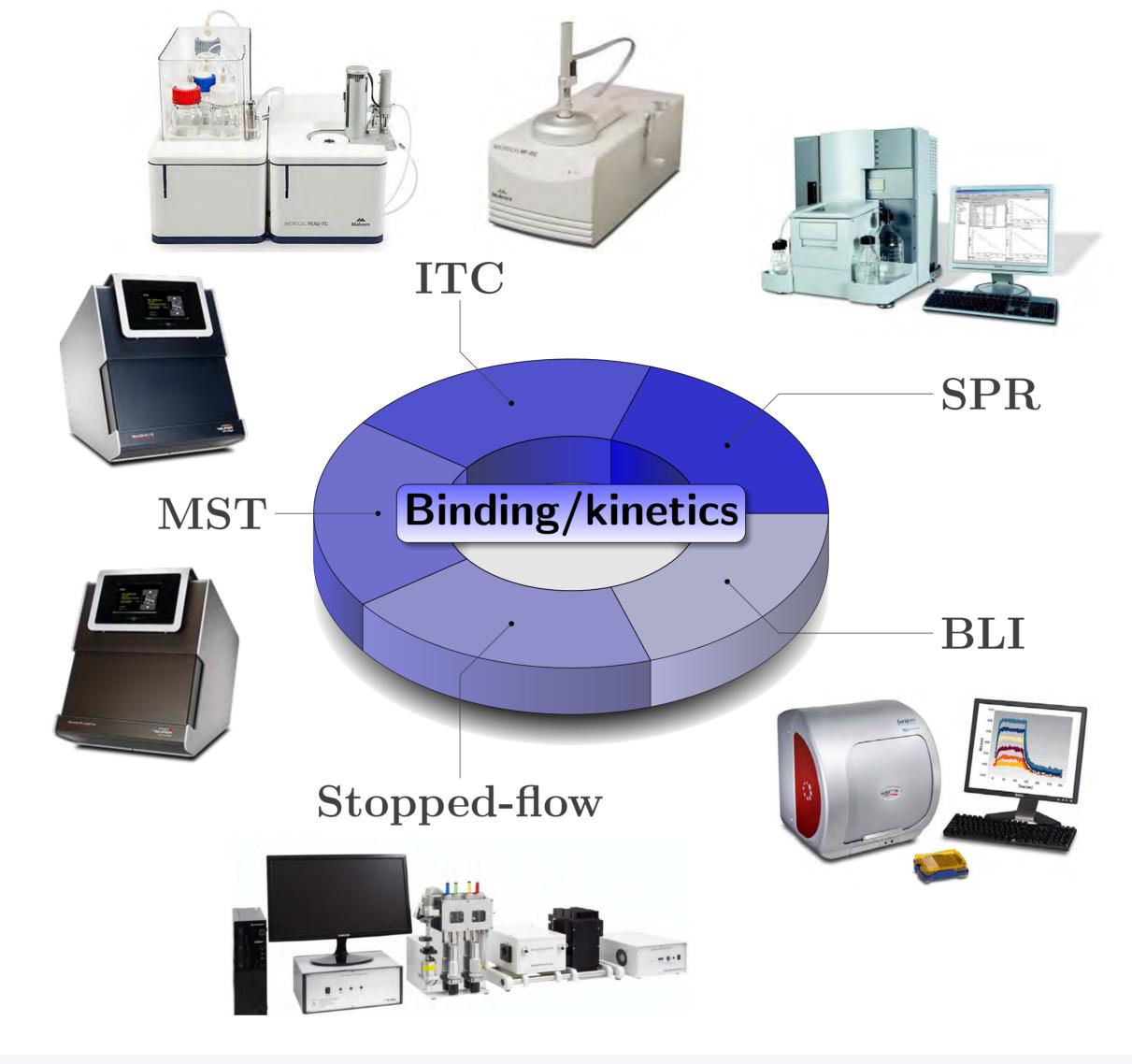
David Ruiz Carrillo <sup>1</sup> María García-Alai <sup>1,2</sup>



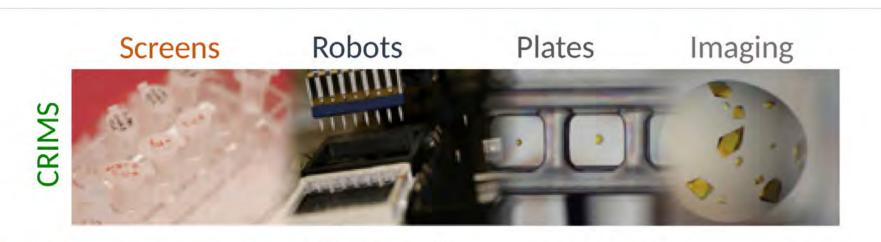
<sup>1</sup>European Molecular Biology Laboratory, Hamburg, Germany. <sup>2</sup>Centre for Structural Systems Biology, Hamburg, Germany.

# **Biophysics platform**





### High-throughput crystallisation platform (HTX)



- Optimization 13 • LCP
- Additive
- Customized screens
- Scorpion
- Initial screening 16
  2 TTP mosquito
  CrystalDirect
  Formulatrix 19 °C and 4 °C Swissci
  - Intelli
  - LCP
  - Hanging drop
  - Microbatch



For more information, visit htx.embl-hamburg.de

# Our services

- Consulting of your structural and biophysical assays
- Training on our crystallisaton and biophysical applications
- Sample drop-in service and experimental set-ups by well-trained staff
- Structure determination and biophysical data analysis

# How to get access and funding possibilities

- Contact us at spc@embl-hamburg.de
- SPC@EMBL Hamburg is member of the following research infrastructures:
- MOlecular-Scale Biophysics Research Infrastructure (MOSBRI)
- INSTRUCT-Eric

- iNEXT Discovery
- Hanseatic League of Sciences (HALOS)
- Deutsche Forschungsgemeinschaft (DFG)





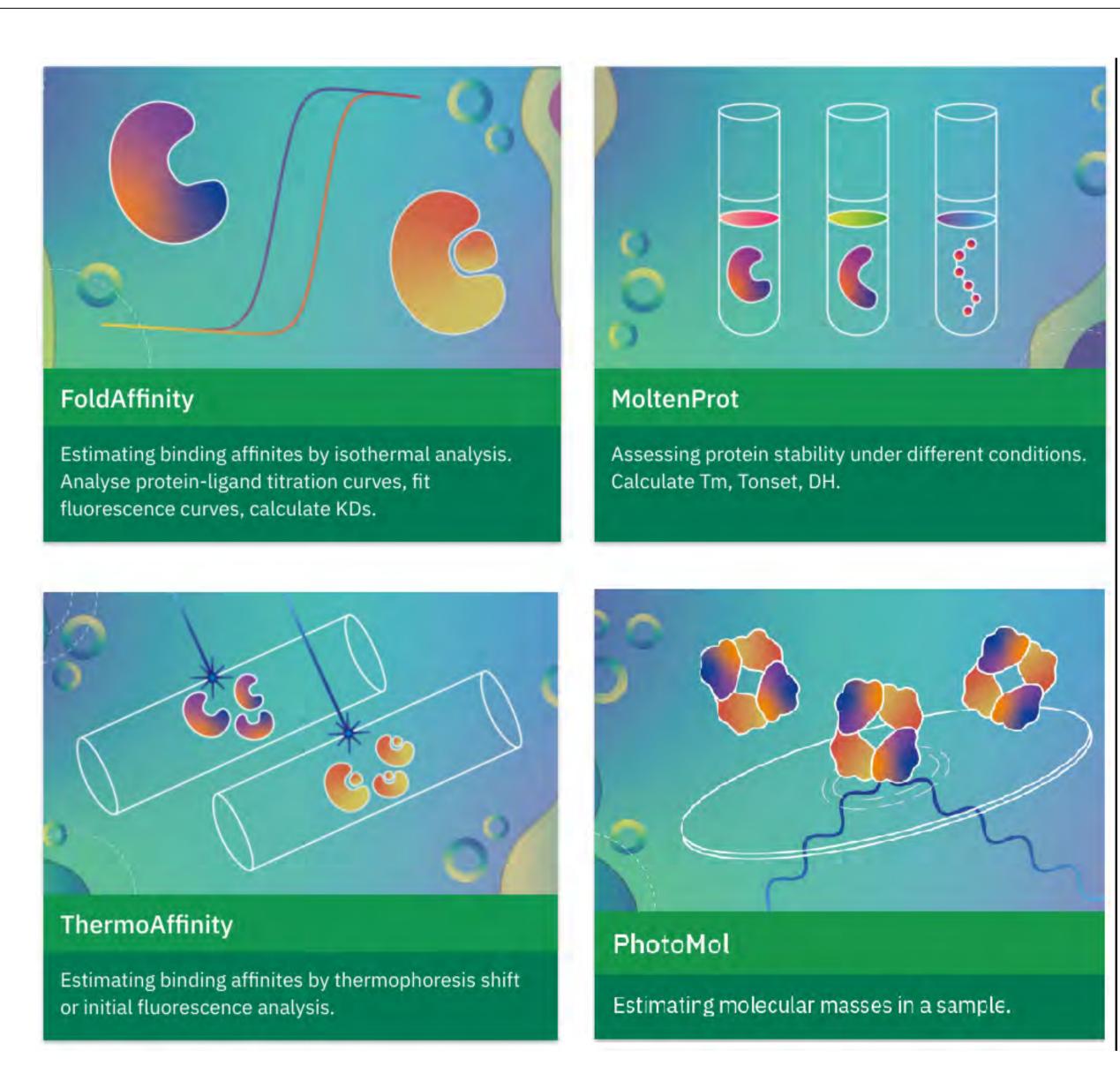








# Data analysis platform for molecular biophysics (eSPC)



Publicly available at spc.embl-hamburg.de For more information please visit Osvaldo Burastero's poster

### Our team

