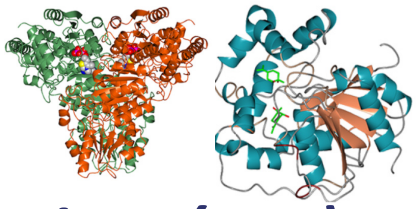
ESAB Webinar

Advances in the Analysis of Enzymatic Reactions and Finding New Enzymes



ESAB European Society of Applied Biocatalysis

April 22nd 2022, 14.00-16.00 h Central European Time (CET)
08.00-10.00 a.m. Eastern Daylight Time (EDT)

Chairs: Jennifer Littlechild (University of Exeter); Roland Wohlgemuth (Lodz University of Technology)

PROGRAMME: (25 min. lecture, 5 min. discussion)

- **14.00-14.30 Prof. Dr. Robert T. Kennedy, Department of Chemistry, University of Michigan, Ann Abor, MI 48109, USA**
  Title: Droplet Microfluidics with Mass Spectrometry for High-Throughput Enzyme Reaction Analysis
- **14.30-15.00 Dr. Fabrice Gielen, Department of Physics, Living Systems Institute, University of Exeter, UK**
  Title: Droplets-on-demand platforms for the high-throughput characterisation of functional enzymes
- **15.00-15.30 Prof. Dr. Anthony K. Mittermaier, Department of Chemistry, McGill University, Montreal, QC, Canada**
  Title: Measuring Enzyme Kinetics, Inhibition, and Allostery using Isothermal Titration Calorimetry
- **15.30-16.00 Dr. Carine Vergne-Vaxelaire, Génomique Métabolique UMR8030, Genoscope, CEA, Univ Evry, Université Paris-Saclay, France**
  Title: Identification of diverse enzymes by screening biodiversity using innovative in silico approaches: example with the Amine Dehydrogenase family (MODAMDH Project)