Detection of nitric oxide species and modifications

24.-29.06.2018

Sunday evening  get together

Monday 9.00  Berndt/Cortese-Krott/Gohlke  Introduction: aims of the summer school

Monday/Tuesday  Berndt  Synthesis of GSNO
Disassembly of FeS clusters by GSNO
Detection of secreted nitrite/nitrate by activated immune cells via Griess reagent
Survival of other cells co-cultured with activated immune cells
Inhibition of Trx activity upon S-nitrosylation

Wednesday  Gohlke  Modelling of the structure of S-nitrosylated Trx

Thursday/Friday  Cortese-Krott  Detection of low molecular weight nitroso species and nitrosated proteins by CLD
Detection of NO metabolites by ENO20 and CLD

Thursday evening  barbecue

Friday  Berndt/Cortese-Krott/Gohlke  wrap up /round table

Friday - 14.00  end of the summer school

in between seminars regarding formation of and signaling via nitric oxide, different species, further detection methods,...