

summer schOol II iN Düsseldorf

Detection of nitric oxide species and modifications

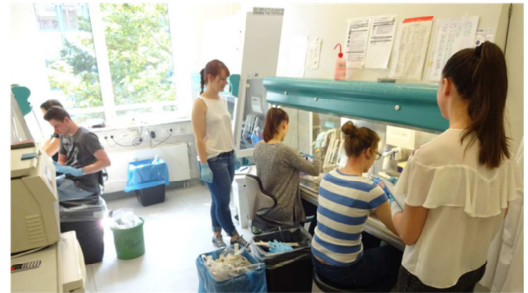
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Sunday get together

**Monday/
Tuesday** introduction,
aims of the summer school

Berndt

- synthesis of GSNO
- disassembly of FeS clusters by GSNO
- detection of secreted nitrate/nitrite by activated immune cells via Griess reagent
- survival of other cells co-cultured with activated immune cells



Wednesday **Gohlke**
- modelling of oxidative thiol modifications

Thursday **Cortese-Krott**
- detection of low molecular weight nitroso species and nitrosated proteins by CLD
- detection of NO metabolites by ENO20 and CLD

barbecue

Friday last questions, round table



in between seminars regarding formation of and signaling via NO, different species, neuroinflammation, further detection methods, ...