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FRIDAY, Sept. 30

- 08.30** Screening virtual and physical natural product libraries to identify bioactive hits and leads
Thomas J. Schmidt, WWU
- 10.00** **Coffee break / networking**
- 10.30** Use of metabolomics and chemoinformatic tools to detect biomarkers
Fernando B. Da Costa, FCFRP, USP, Ribeirão Preto
- 12.00** **Lunch**
- 13.00** Surface Display Strategies in Medicinal Chemistry: from Assay Development to Evolutive Drug Design
Joachim Jose, IPMC, WWU, Münster
- 14.30** **Coffee break / networking**
- 15.00** Enzymes of the unique trypanothione metabolism as antitrypanosomal drug targets
Luise Krauth-Siegel, BZH Heidelberg
- 16.30** Concluding remarks, closing of the summer school

SATURDAY, Oct. 1

- 09.00** **Networking**
- 11.00** **City tour in Münster**

VENUE

PharmaCampus
Corrensstraße 48, 48149 Münster
Kleiner Hörsaal, A100.118

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NEGLECTED DISEASES

Workshop and Summer School

University of Münster



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**SUNDAY, SEPT. 25**

- 18.00** Kickoff event in combination with the opening of the 5th International Influenza Meeting at the Münster Castle
- 18.15** **Plenary lecture**
New insights in influenza virus host cell interaction
Adolfo Garcia Sastre, Icahn School Medicine at Mount Sinai, New York
- 19.15** **Welcome reception/get together in Münster Castle**

MONDAY, SEPT. 26

- 08.30** **Opening - Greeting addresses**
Consulate-General of Brazil
Rectorate of WWU
Brazil Centre of WWU
Organizers/Coordinator
- 09.30** **Opening lecture**
Needs and challenges for new drugs against neglected tropical diseases
Marcel Kaiser, Swiss TPH, Basle
- 10.30** **Coffee break**
- 11.00** Structural Biology in drug development against neglected diseases
Maria Cristina Nonato Costa, LCP-FCFRP, USP, Ribeirão Preto
- 12.30** **Lunch**
- 13.30** The role of amino acids in Trypanosoma cruzi: opportunities to identify new drug targets
Ariel M. Silber, Institute of Biomedical Sciences, USP, São Paulo
- 15.00** **Coffee break / networking**
- 15.30** Drug discovery in an academic setting
Marcel Kaiser, Swiss TPH Basle
- 17.00** **Poster session students (Poster and Beer)**
- 18.30** End of scientific programme

TUESDAY, SEPT. 27

- 08.30** Design, synthesis and biological evaluation of carbohydrate-based molecules targeting Trypanosoma cruzi
Ivone Carvalho, FCFR, USP, Ribeirão Preto
- 10.00** **Coffee break / networking**
- 10.30** Use of LDBB and SBDD in the design of cruzain inhibitors as antichagasic candidates
Gustavo Trossini, FCF, USP, São Paulo
- 12.00** **Lunch**
- 13.00** The NMDA receptor as target for innovative drugs
Bernhard Wunsch, IPMC, WWU, Münster
- 15.00** The pig-cecum model: A powerful tool to study the intestinal metabolism
Hans-Ulrich Humpf, Inst. of Food Chemistry, WWU, Münster
- 16.30** **Coffee break / networking**
- 17.00** Strategies for rational discovery of microbial natural products hits
Monica T. Pupo, FCFR, USP, Ribeirão Preto
- 20.30** **Dinner at a typical Westphalian location**

WEDNESDAY SEPT. 28

- 08.30 - 18.30** **Workshop**
- 08.30** Ivone Carvalho, Bernhard Wunsch, Gustavo Trossini
- 10.00** **Coffee break / networking**
- 10.30** Mônica Pupo, Hans-Ulrich Humpf, Fernando Da Costa
- 12.00** **Lunch**
- 13.00** Thomas Schmidt, Norberto Lopes, Uwe Karst
- 14.30** **Coffee break & networking**
- 15.00** Joachim Jose, Maria C. Nonato, Dagmar Klostermeier
- 16.30** **Coffee break & networking**
- 17.00** Ariel Silber, Stephan Ludwig, Mauricio Baptista, Cristian A. Strasser
- 19.00** End of scientific programme
- 21.00** **Guided city walk**

THURSDAY, SEPT. 29

- 08.30** Prophylaxis and Therapy of Influenza Virus Infections
Stephan Ludwig, IMV, ZMBE, WWU, Münster
- 10.00** **Coffee break / networking**
- 10.30** Single molecule FRET experiments to study the conformational dynamics of enzymatic drug targets
Dagmar Klostermeier, Biophys. Chemistry, WWU, Münster
- 12.00** **Lunch**
- 13.00** The use of atmospheric pressure ionization analysis in natural and synthetic products structural elucidation
Norberto P. Lopes FCFR, USP, Ribeirão Preto
- 14.30** **Coffee break / networking**
- 15.00** Hyphenated analytical techniques in pharmaceutical research
Uwe Karst, IAAC, WWU, Münster
- 16.30** **Coffee break / networking**
- 17.00** How parasites survive the oxidative war against the host cell
Mauricio S. Baptista, IQ, USP, São Paulo
- 18.30** **End of scientific programme**