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WESTFÄLISCHE
WILHELMUS-UNIVERSITÄT
MÜNSTER

USP

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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CENTRO
BRASILEIRO
da Universidade de Münster

DAAD

Deutscher Akademischer Austausch Dienst
German Academic Exchange Service



Federal Ministry
of Education
and Research

NEGLECTED DISEASES

Workshop and Summer School
University of Münster

PROGRAM
SEPT. 25 - 30
MÜNSTER



WWU.usp



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, FCFRP, 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 Wünsch, 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, FCFRP, USP, Ribeirão Preto

20.30 **Dinner at a typical Westphalian location**

WEDNESDAY SEPT. 28

08.30 - 18.30 **Workshop**

08.30 Ivone Carvalho, Bernhard Wünsch, 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, Christian A. Strassert

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 FCFRP, 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**