



GRK2158

Symposium

“Natural compounds and analogs against therapy
resistant tumours and microorganisms”

Program & Abstracts

27. – 28.05.2019

Düsseldorf, Germany

Haus der Universität,

Schadowplatz 14, 40212 Düsseldorf

Program

May 27th 2019

Time	Workshop for PhD students (only)
9:00 – 12:00	<p>Talk „Social net(t)working“ and Workshop „Apply and Using Potential“</p> <p>Networking is as relevant in science as it is in business when it comes to advancing one's career. - How does this work efficiently and safely? Using the Social Networks Xing, LinkedIn, ResearchGate etc. can make life much easier - if some rules and hints are followed. The talk will cover the basics of social networking, from basic principles (give and take, horizontal and vertical networking) to authentic self-marketing and referral management. Building and maintaining a professional reputation are also part of the event. Since the lecture uses concrete examples, it makes sense to bring your own laptop and your own profile to edit. After the event there is the possibility to have the own profile checked by the speaker.</p> <p><i>Trainer: Marcus Holzheimer - MH³ Beratung</i></p> <p><i>Registration required (completed).</i></p> <p>Room “Wichelmann”, Haus der Universität</p>

Program

May 27th 2019

Time	Speaker	Topic
12:45	Arrival at Haus der Universität, Registration Check in	
13:00	Holger Gohlke & Rainer Kalscheuer	Welcome and Introduction
1st Session (Chair: <i>Haiqian Yu/Nam Tran-Cong</i>)		
13:15 – 14:00	Peter Proksch	Tales from Chemical Ecology
14:00 – 14:05	<i>Short Break</i>	
14:05 – 15:30	Poster Session – Elevator Pitches & Coffee Break	
2nd Session (Chair: <i>Shabnam Shaneh Sazzadeh, Annika Frank, Chenyin Wang, Fabian/Hjördis</i>)		
15:30 – 16:15	Maria Chiara Monti, University of Salerno, Italy	Proteomic approaches to disclose natural products cellular targets
16:15 – 16:45	Jana Deitersen	Identification of autophagy-modulating natural products and derivatives for the elimination of therapy-resistant tumor cells
16:45 – 17:15	Yvonne Gröner	Antitubercular activity of synthetic Callyaerins
17:15 – 18:00	Tanja Schneider, University of Bonn	Targeting a cell wall biosynthesis hot spot
18:30	Conference Dinner at “Hausbrauerei zum Schlüssel”, Bolker Strasse 41-47, Düsseldorf	

Program

May 28th 2019

Time	Speaker	Topic
3rd Session (Chair: <i>Yodita Asfaha, Christian Schrenk, David Bickel</i>)		
09:30 – 10:15	Christian Ottmann, Eindhoven University of Technology	Natural-product stabilization of 14-3-3 protein- protein interactions
10:15 – 10:45	Nicola Porta	Targeting nisin resistance protein with drug-like small molecules
10:45 – 11:15	Julia Schumacher	Specific inhibition of the resistance ABC transporter NsrFP
11:15 – 12:15	Lunch Break & Poster Session	
4th Session (Chair: <i>Jana van Stuijvenberg, Daniel Drießen, Tino Seidemann</i>)		
12:15 – 13:00	Markus Kaiser, University of Duisburg- Essen	Natural products in medicinal chemistry and chemical probe discovery
13:00 – 13:30	Julian Greb	En route to dimeric polyketides – chromone dimers as key intermediates in natural product total synthesis
13:30 – 14:00	Marc Pflieger	Novel α,β -unsaturated hydroxamic acid derivatives overcome cisplatin resistance
14:00	Rainer Kalscheuer & Holger Gohlke	Closing Remarks