



17<sup>th</sup> and 18<sup>th</sup> of October, 2017 in the Peter-Ruckenbauer lecture hall at IFA-Tulln

## PROGRAM

### 17<sup>th</sup> of October – Talks and Posters

08:30	Registration
09:00	Opening – Welcome Words
<b>KEYNOTE LECTURE</b> PhD - what comes next? Academic Perspective/Industry Perspective	
09:15	<b>Georg Weingart,</b> Research team leader analytical chemistry at Biomin GmbH
09:45	<b>Elisabeth Varga,</b> PostDoc at Technical University of Denmark
10:15	Coffee Break
<b>BIORESOURCES</b> Chairs: Bernhard Wolf & Asja Ceranic	
10:45	<b>Oskar Haske-Cornelius (BOKU)</b> Enzymatic systems for cellulose acetate degradation
11:00	<b>Maximilian Schmid (BOKU)</b> Usage of an industrial by-product stream-for the production of polyhydroxyalkanoates

11:15	<b>Sven Plappert (BOKU)</b> Transparent moisture resistant CNF/PMMA nanocomposite aerogels
11:30	<b>Julien Jaxel (KPLUS)</b> Dyeing of solid wood using supercritical carbon dioxide as carrier
11:45	<b>Kwankao Karnpakdee (BOKU)</b> Flexible biogas production; the effect of three different feeding strategies to the biogas production under the semi-continuous experiment
12:00	<b>LUNCH BREAK &amp; POSTER SESSION</b>
<b>BIOTECHNOLOGY</b> Chairs: Roland Hellinger & Michaela Hönigsberger	
13:30	<b>Pia Euteneuer (BOKU)</b> Apothecia production of <i>Sclerotinia sclerotiorum</i> and infection of soybean following catch crop cultivation
13:45	<b>Maria Doppler (BOKU)</b> Metabolomics of Fusarium Head Blight in wheat: Investigation of the phenylalanine-derived submetabolome
14:00	<b>Marine Ollier (BOKU)</b> Assessing <i>fusarium</i> damaged kernels by digital picture analysis
14:15	<b>Alejandro del Barrio Duque (AIT)</b> Bacterial helpers to make intimate association with the mycorrhiza-like <i>Serendipita indica</i> and to enhance plant resistance against plant pathogens
14:30	<b>Meysam Ebrahimi (BOKU)</b> Root traits and phosphorus acquisition efficiency in soybean <i>Glycine max</i> (L.)
14:45	<b>Susanne Reichert (BOKU)</b> Analysis of the role of galactinol in nematode induced syncytia
15:00	Coffee Break

<b>CONTAMINANTS AND HEALTH</b> <b>Chairs: Maria Doppler &amp; Christoph Büschl</b>	
<b>15:30</b>	<b>Reinhard Beyer (BOKU)</b> <i>Candida glabrata</i> requires the Map kinase Hog1 to compete against <i>Lactobacillus</i>
<b>15:45</b>	<b>Nada Jurisic (BOKU)</b> Determination of aflatoxin biomarkers in chickens
<b>16:00</b>	<b>David Steiner (BOKU)</b> Development of a quantitative multi-class confirmation method based on LC-ESI-MS/MS for the determination of natural contaminants and anthropogenic residues in complex animal feed matrices
<b>16:15</b>	<b>David Stadler (BOKU)</b> Influence of the lot-to-lot variation on the measurement uncertainty of LC-ESI-MS/MS based determination of 70 mycotoxins in figs and maize.
<b>16:30</b>	<b>Roland Martzy (TU, IFA)</b> A loop-mediated isothermal amplification (LAMP) assay for the rapid detection of <i>Enterococcus</i> spp. in environmental waters
<b>16:45</b>	Short Break
<b>17:15</b>	Awards Ceremony
<b>17:30</b>	<b>PhD-Oktoberfest</b>

## 18<sup>th</sup> of October – Lab Tours – TENTATIVE PROGRAM

09:00	Meeting Point at Peter Ruckenbauer lecture hall
	<p style="text-align: center;"><b>Lab tours Part 1</b> IFA Meeting Point: In front of Ersatzneubau</p>
09:15 – 11:45	<p style="text-align: center;"><b>Oskar Haske-Cornelius</b> <b>Claudia Tallian</b> <b>Verena Braunschmid</b> Biomaterial- und Enzyme Technology (microorganisms, HPLC, GC, MS)</p> <p style="text-align: center;"><b>David Stadler</b> <b>David Steiner</b> Analytical methods for mycotoxin research (HPLC-MS,...)</p> <p style="text-align: center;"><b>Marine Ollier</b> PCR</p>
11:45- 12:45	LUNCH BREAK – Soup will be served at IFA
	<p style="text-align: center;"><b>Lab tours Part 2</b> UFT (Wood KPlus) Meeting Point: In front of UFT</p>
12:45 – 14:15	<p style="text-align: center;"><b>Elfriede Hogger</b> <b>Janae Kristin Köhnke</b> <b>Pia Solt</b> ABES, Sample Prep with Ultracut and Zeiss Microscope, Zwick Z020...</p> <p style="text-align: center;"><b>Sven Plappert</b> <b>Julien Jaxel</b> Supercritical fluids, supercritical CO<sub>2</sub> equipment,...</p> <p style="text-align: center;"><b>Christoph Winkler</b> Rheometer, synchron measurements,...</p>
14:15	Short Break

	<p style="text-align: center;"><b>Lab tours Part 3</b>  <b>UFT/AIT</b>  <b>Meeting Point: In front of UFT</b></p>
<p><b>14:30 – 16:15</b></p>	<p style="text-align: center;"><b>Meysam Ebrahimi</b>  <b>Kwankao Karnpakdee</b>  <b>Pia Euteneuer</b>  Agricultural methods, continuous feeding experiment, Van Soest method...</p> <p style="text-align: center;"><b>Peter Stasnik</b>  <b>Carolina Escobar</b>  Influences on plant growth and development</p> <p style="text-align: center;"><b>Christina Roschitz</b>  Soil research: Planar optodes, DGT</p> <p style="text-align: center;"><b>Reinhard Beyer</b>  HAMILTON liquid handling robots</p>
	<p style="text-align: center;">Closing Words</p>