

# WWTF Life Sciences Day 2017

## Programme Day 1

- 9:30–10:00 Welcome & Registration
- 10:00–10:30 Stephan Domayer  
Quantitative MRI assessment of cartilage glycosaminoglycan content in the ankle
- 10:30–11:00 Qendrim Zebeli  
d-i.INFLACOW: Characterization and prevention of diet-induced inflammation and related immune and metabolic disorders in dairy cows
- 11:00–11:30 Winfried Mayr  
Augmentation of residual neural control by non-invasive spinal cord stimulation to modify spasticity in spinal cord injured people
- 11:30–12:00 *Coffee Break*
- 12:00–13:00 **Thomas Czypionka**  
**Keynote Lecture**
- 13:00–14:00 *Lunch Break*
- 14:00–14:30 Alexander Loy  
Nutrition and the intestinal microbiota–host symbiosis: A holistic stable isotope–labeling approach to decipher key microbial players and quantitatively link single cell activity to system function
- 14:30–15:00 Stephan Wagner  
Tumor-infiltrating CD20+ B cells: Promoters of human melanoma?
- 15:00–15:30 *Coffee Break*
- 15:30–16:00 Clemens Vass  
The relation between retinal and optic nerve head parameters and circumpapillary retinal nerve fiber layer profile
- 16:00–16:30 Gerhard Adam  
Deoxynivalenol–glucoside and acetylated derivatives: relevant masked mycotoxins?

## Programme Day 2

- 9:00–9:30 Karin Schindler  
Nutrition intervention and physical training in malnourished frail community-dwelling elderly subjects carried out by trained lay buddies
- 9:30–10:00 Andreas Weinhäusel  
Serum–Autoantibody testing for early diagnosis of Breast Cancer
- 10:00–10:30 Michael Krebs & Martin Krssak  
Unravelling the pathogenetic mechanisms of fructose consumption as multiple hit in the pathogenesis and progression of non-alcoholic fatty liver disease (NAFLD)
- 10:30–11:00 *Coffee Break*
- 11:00–11:30 Enikő Kallay  
Dietary vitamin D, a powerful weapon in the war against colorectal cancer
- 11:30–12:00 Peter Petzelbauer  
A new treatment concept for lung injury
- 12:00–12:30 Florian Kiefer  
Vitamin A metabolism in the regulation of energy balance
- 12:30–13:30 *Lunch Break*
- 13:30–14:00 Reinhard Kirnbauer  
Second generation human papillomavirus (HPV) vaccine for broad-spectrum protection against HPV-induced skin and mucosal neoplasia
- 14:00–14:30 Claudia Kuntner–Hannes & Matthias Bläckner  
Enhanced Therapy for Liver Malignancies based on Optimised Secondary Particle Radiotherapy and Bio-pharmacokinetic Modelling