

Online Young AGers Symposium – Agenda



Tuesday, 5th October

Time (CEST)	
09:30 – 10:00	Welcome – Marcus Thierig, Prof. Thomas Henle
10:00 – 10:20	Meet and Greet

Session 1	Chair: Marcus Thierig	
10:20 – 10:40	Leon Bork	Studies on the Interaction of Phenolic Compounds in Non-Enzymatic Browning Reactions
10:40 – 11:00	Clemens Kanzler	The Structure of Melanoidins Formed in the Maillard Reaction of Methylglyoxal
11:00 – 11:20	Break	
11:20 – 11:40	Slim Blidi	Antiglycation Effects of Roasted Brewer's Spent Grains
11:40 – 12:00	Francesca Bruno	Mitigation of acrylamide formation in industrial potato crisp manufacturing

12:00 – 13:00	Lunch
---------------	-------

Session 2	Chair: Clemens Kanzler	
13:00 – 13:20	Ecem Berk	Investigation on the Maillard Reaction in Sesame (<i>sesamum indicum L.</i>) Seeds Induced by Roasting
13:20 – 13:40	Isil Gürsul Akgün	Investigations on the formation of α -dicarbonyl compounds and 5-hydroxymethylfurfural in fruit juice concentrates during storage
13:40 – 14:00	Break	
14:00 – 14:20	Marcus Thierig	Assay for the characterization of the bacteriostatic effect caused by Manuka Honey
14:20 – 14:40	Anna-Lena Kertsch	Transformation of Maillard Reaction Products by <i>Saccharomyces</i> -strains: Influence of Domestication

14:40 – open end	Discussion IMARS, Meetings
------------------	----------------------------

Wednesday, 6th October

Time (CEST)	
09:30 – 10:00	Invited Speaker: Uwe Schwarzenbolz – Maillard Reaction under high pressure

Session 3	Chair: Kim Maasen	
10:00 – 10:20	Ezgi Dogan Cömert	A new procedure to measure cysteine equivalent methylglyoxal scavenging activity (CEMSA) of foods under simulated physiological conditions
10:20 – 10:40	Friederike Manig	Simulated digestion of dicarbonyls with amino compounds
10:40 – 11:00	Break	
11:00 – 11:20	Stephan Müller	The impact of selected dietary glycation compounds on inflammation
11:20 – 11:40	Cresci-Anne Croes	The impact of (dietary) AGEs on immune and energy metabolism parameters and muscle health

11:40 – 12:40	Lunch	
---------------	-------	--

Session 4	Chair: Friederike Manig	
12:40 – 13:00	Marialena Chrysanthou	In vitro models to Advanced Glycation End products-mediated neuroinflammation/neurodegeneration
13:00 – 13:20	Armand Linkens	The effect of a 4-week low diet and high in AGEs on insulin sensitivity, secretion and clearance, vascular function, and markers of low-grade inflammation and endothelial dysfunction of abdominally obese individuals - the deAGEing trial
13:20 – 13:40	Break	
13:40 – 14:00	Kim Maasen	Higher habitual intake of dietary methylglyoxal is associated with less low-grade inflammation, but also with impaired retinal microvascular function: the Maastricht Study
14:00 – 14:20	Eline Berends	Supplementation of methylglyoxal in drinking water does not affect the cerebral microvasculature and cognitive function in non-diabetic mice