

**Dietary glycation compounds –
implications for human health?**

14th of November, 2019

**Leibniz Research Centre for Working Environment
and Human Factors - Dortmund**

Session 1

Session 1

Glycation reactions in food, dietary exposure, uptake and metabolism

Chair: Henle, T. - Dresden

08:45 – 09:00

Welcome

Hengstler, J.G. - Dortmund

09:00 – 09:30

Structures, pathways, quantitative considerations and dietary exposure

Henle, T. - Dresden

09:30 – 10:00

Uptake and metabolism of dietary glycation compounds - Insight from animal studies

Tessier, F.J. - Lille (FRA)

10:00 – 10:30

Dietary glycation compounds in humans and the role of the microbiota

Hellwig, M. - Dresden

10:30 – 10:45

Wrap-up discussion Session 1

10:45 – 11:15

Coffee Break

Session 2

Session 2

Dietary glycation compounds and biological effects

Chair: Marko, D. - Wien (AUT)

11:15 - 11:45

Dietary glycation compounds and physiological consequences

Delgado-Andrade, C. - Madrid (ESP)

11:45 - 12:15

Adverse effects of glycation compounds

Mally, A. - Würzburg

12:15 – 12:30

Wrap-up discussion Session 2

12:30 – 13:30

Lunch

Session 3

Session 3

Endogenous glycation reactions and health

Chair: Joost, H.-G. - Potsdam-Rehbrücke

13:30 - 14:00

**Reactive metabolites as a cause of diabetic complication
(SFB 1118 - Reactive metabolites as a cause of diabetic complications)**

Kopf, S. - Heidelberg

Session 4

Session 4

Dietary glycation compounds and health I

Chair: Diel, P. - Köln

14:00 – 14:30

Dietary glycation compounds and their role in diabetes

Schalkwijk, C. - Maastricht (NLD)

14:30 – 15:00

Glycation and uremia

Pischetsrieder, M. - Erlangen

15:00 – 15:15

Wrap-up discussion Session 3 and 4

15:15 – 15:45

Coffee Break

Session 5

Session 5

Dietary glycation compounds and health II

Chair: Grune, T. - Potsdam-Rehbrücke

15:45 – 16:15

Glycation and aging

Simm, A. - Halle-Wittenberg

16:15 – 16:45

Glycation and allergy

Vieths, S. - Langen

16:45 – 18:00

Wrap-up discussion Session 5

General discussion

18:00 – open end

Get together