



Dr Fred Stevens, from Linus Pauling Institute and College of Pharmacy, Oregon State University, Corvallis, Oregon, U.S.A will present his recent studies about **Global metabolomics for discovery of polyphenol bioactivity: unravelling broad-spectrum effects of xanthohumol in a rodent model of obesity** during **Lisbon Polyphenols World Congress.**

Xanthohumol is a prenylated flavonoid found in hops and beer, and in dietary supplements.

The team treated Zucker fa/fa rats, a model of obesity and metabolic syndrome, for six weeks with xanthohumol at four dose levels and measured metabolome profiles in addition to single endpoints of glucose and lipid homeostasis.

The metabolomics analyses were conducted to identify biochemical pathways affected by

xanthohumol treatment. The overall objective of the study was to gain a mechanistic understanding of the beneficial effects of xanthohumol in the treatment of metabolic syndrome.

For more information: www.polyphenols-site.com

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