

List of publications: Christine Mölzer

Original articles in international peer-reviewed journals

Mölzer C, Huber H, Steyrer A, Ziesel G, Ertl A, Plavotic A, Wallner M, Bulmer AC, Wagner KH. **In vitro antioxidant capacity and antigenotoxic properties of protoporphyrin and structurally related tetrapyrroles.** Free Radic Res. 2012 Nov;46(11):1369-77.

Mölzer C, Huber H, Diem K, Wallner M, Bulmer AC, Wagner KH. **Extracellular and intracellular anti-mutagenic effects of bile pigments in the Salmonella typhimurium reverse mutation assay.** Toxicol In Vitro. 2013 Feb;27(1):433-7.

Mölzer C, Pflieger B, Putz E, Roßmann A, Schwarz U, Wallner M, Bulmer AC, Wagner KH. **In vitro DNA-damaging effects of intestinal and related tetrapyrroles in human cancer cells.** Exp Cell Res. 2013 Feb 15;319(4):536-45.

Wallner M, Blassnigg SM, Marisch K, Pappenheim MT, Müllner E, Mölzer C, Nersesyan A, Marculescu R, Doberer D, Knasmüller S, Bulmer AC, Wagner KH. **Effects of unconjugated bilirubin on chromosomal damage in individuals with Gilbert's syndrome measured with the micronucleus cytome assay.** Mutagenesis. 2012 Nov;27(6):731-5.

Carvalho-Wells AL, Helmholz K, Nodet C, Mölzer C, Leonard C, McKeivith B, Thielecke F, Jackson KG, Tuohy KM. **Determination of the in vivo prebiotic potential of a maizebased whole grain breakfast cereal: a human feeding study.** British Journal of Nutrition 2010; 104 (09): 1353 – 1356.

Oral and poster presentations at conferences

***In vitro* anti-carcinogenic effects of bile pigments and derivatives – evidence from a cell culture study.**

Trieste Yellow Retreat 2012 (Trieste, Italy), June 21 – 22 (oral presentation).

Anti-genotoxic potential of bile pigments – evidence from the Vienna studies

Trieste Yellow Retreat 2011 (Trieste, Italy), June 6 – 7 (oral presentation).

Anti-genotoxic properties of urobilin, stercobilin and protoporphyrin *in vitro*.

Trieste Yellow Retreat 2011 (Trieste, Italy), June 6 – 7 (poster presentation).

Antioxidative and antimutagenic effects of selected bile pigments *in vitro*.

Trieste Yellow Retreat 2010 (Trieste, Italy), March 8 – 9 (oral presentation).

Bacterial bile pigment uptake is concentration dependent.

ASTOX/ANTIOX Symposium 2011 (Vienna, Austria), November 24 (abstract and poster presentation)

Protoporphyrin induces cancer cell damage in the SCGE assay.

ASTOX/ANTIOX Symposium 2011 (Vienna, Austria), November 24 (abstract and poster presentation)

Anti-genotoxic properties of urobilin, stercobilin and protoporphyrin *in vitro*.

ASTOX/ANTIOX Symposium 2011 (Vienna, Austria), November 24 (abstract and poster presentation)

The physiological potential of Bilirubin: A possible anti-genotoxic effect?

ISFE Symposium 2011 (Vienna, Austria), December 1 – 2 (poster presentation)

The role of bilirubin in human health: implications for oxidative stress-mediated diseases.

Lifestyle, oxidative stress and diabetes mellitus (Modra, Slovakia), November 8 – 9 2012 (oral presentation)