



In the 10th World Convention on Stevia 2021, Dr. Marta Libik-Konieczny, from the Polish Academy of Sciences, Poland, will be giving a talk about **Steviol Glycosides Profile in *Stevia rebaudiana* Bertoni Hairy Roots Cultured under Oxidative Stress-Inducing Conditions**

Dr. Libik-Konieczny will develop and discuss the results of the studies on the ability of *Stevia rebaudiana* Bertoni to synthesize particular steviol glycosides (SvGls), in hairy roots (HR) grown in the light or in the dark under the influence of different osmotic active compounds.

- Several steviol glycosides are synthesized in hairy roots of *S. rebaudiana*.
- Light or osmotic factors cause enhancement in oxidative stress level in hairy roots.
- It correlates with a significant increase in the level of KAH expression.
- UGTs expression and steviol glycosides content depends on culture conditions.

### **Stevia Tasteful 2021**

November 18-19, 2021 - Lisbon and Online

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