



In the 10th World Convention on Stevia 2022, **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 2022**  
**June 2-3, 2022 - Lisbon and Online**  
[www.wso-site.com](http://www.wso-site.com)