

DEZSŐ CSUPOR



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RESEARCH AREA

My research is partly related to medicinal plants. For many years I have been involved in the quality analysis of herbal products, including qualitative and quantitative analysis of active ingredients, but also the detection of impurities and compounds used for adulteration. I also conduct preparative phytochemical research, as well as chemistry-focused research aimed at promoting rational herbal medicine use. The efficacy and safety of medicinal plants and natural compounds have been investigated in several meta-analyses and such research is ongoing. In addition to this, we are also conducting research in the field of clinical pharmacy related to the safe and rational use of medicines through the analysis of drug utilisation and efficacy and safety.

TECHNIQUES AVAILABLE IN THE LAB

Quality testing methods (chromatographic methods, e.g. HPLC-DAD, sample preparation) for pharmaceuticals, herbal products, methods for testing the efficacy and safety of medicinal products and natural substances.

SELECTED PUBLICATIONS

Koncz, D., Tóth, B., Bahar, MA., Roza, O., **Csupor, D.** (2022) *The Safety and Efficacy of Citrus aurantium (Bitter Orange) Extracts and p-Synephrine: A Systematic Review and Meta-Analysis.* **Nutrients** **14**: 4019

Bajtel, Á., Kiss, T., Tóth, B., Kiss, S., Hegyi, P., Vörhendi, N., Csupor-Löffler, B., Gede, N., Hohmann, J., **Csupor, D.** (2022) *The Safety of Dronabinol and Nabilone: A Systematic Review and Meta-Analysis of Clinical Trials.* **Pharmaceuticals** **15**: 100

Czégény, Zs., Nagy, G., Babinszki, B., Bajtel, Á., Sebestyén, Z., Kiss, T., Csupor-Löffler, B., Tóth, B., **Csupor, D.** (2021) *CBD, a precursor of THC in e-cigarettes.* **Sci Rep** **11**: 8951

Koncz, D., Tóth, B., Roza, O., **Csupor, D.** (2021) *A Systematic Review of the European Rapid Alert System for Food and Feed: Tendencies in Illegal Food Supplements for Weight Loss.* **Front Pharmacol** **11**: 611361

Mottaghipisheh, J., Kiss, T., Tóth, B., **Csupor, D.** (2020) *The Prangos genus: A comprehensive review on traditional use, pharmacological activities and phytochemistry.* **Phytochem Rev** **19**: 1449-1470