

# 5<sup>th</sup> Symposium of Young Researchers on Pharmacognosy



Szeged, 23 July 2024

## BOOK OF ABSTRACTS



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# **BOOK OF ABSTRACTS**

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**23 July 2024**

**doi: [10.14232/syrpharmacognosy.2024.af](https://doi.org/10.14232/syrpharmacognosy.2024.af)**

**A2**

doi: 10.14232/syrpharmacognosy.2024.a2

### **Ecdysteroids present in various insect meals**

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Ecdysteroids are a naturally occurring, diverse group of compounds, found in animals, plants and fungi alike. Its plant-derived variants are the analogues of 20-hydroxyecdysone (20E), the hormone responsible for moulting in insects. We have selected insect meals manufactured from various grasshopper and locust species, sourced from Thailand. After an extensive extraction process targeting ecdysteroids and other relevant compounds, we synthesized multiple ecdysteroid-esters to function as reference material for the quantitative and qualitative analysis of our samples. The results of our venture will be detailed in the presentation.