

# Botany & Plant Sciences Faculty Recruitment Seminar

**You are cordially invited to attend:**

**Adam Jozwiak**

Research Assistant

Department of Plant and Environmental Sciences

Weizmann Institute of Science



**"Natural products and the evolution of their biosynthesis"**

Date: Monday, December 5, 2022

Time: 12:00 pm - 1:00 pm

Location: Genomics Auditorium 1102A & Zoom

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Host: Dr. Katie Dehesh

Abstract: "Plants can synthesize a variety of natural products that are not required for the development and survival of the generating plants, but rather for their interaction with their surroundings. While they feature antibiotic, antifungal, and antiviral properties that shield the plant from diseases, plant natural products have long been known to display beneficial characteristics for people. I will discuss the evolutionary processes involved in the biosynthesis and diversification of these important metabolites, using the examples of steroidal saponins, glycoalkaloids, and cannabinoids."