

Project code: 2024-1-IT02-KA171-HED-000212880

Name and Surname: Prof. Efrat Monsonego Ornan

Home Institution: Faculty of Agricultural, Food and Environmental Sciences, the Hebrew University of Jerusalem (HUJI).

Email: efrat.mo@mail.huji.ac.il

Host Institution: Università degli Studi di Camerino (UNICAM)

Type of mobility: Staff Mobility for Teaching and Training

Duration: from [24/03/2025] to [28/03/2025] (days) – excluding travel days: 5

Description of the activities:

Staff mobility for teaching and training, Prof. Efrat Monsonego Ornan from HUJI travelled to UNICAM.

During the week in UNICAM Prof. Monsonego Ornan lectured 4 hours in the course of Molecular Biology to master degree students in Chemistry and pharmaceutical technology.

The subject discussed in the course provided an exploration of the skeleton, focusing on its development, structure, and the critical role nutrition plays in bone health. The course began by establishing a foundation in skeletal biology, followed by discussion of key questions surrounding the skeleton as a model for studying nutrition. Among the discussed topics:

Utilizing Animal Bones as Models to Study Physiological and Pathological Processes

Nutritional Factors Affecting Growth: Much More Than Calcium and Vitamin D

The Impact of Ultra-Processed Foods on Skeletal Health

The Role of the Microbiome and Metabolome in Skeletal Growth and Development

In addition, Prof. Monsonego Ornan participated in activity organised for PhD students: "meet the experts" (45 min) where the PhD students who attended the lecture series got the chance to exchange with the invited speakers to chat about a different topic of their choice. After this, I gave a seminar presenting my research and recent results to PhD students and researchers titled: Bone Appétit: How Nutrition Shapes Bone Development and Quality from Body Stats to Omics.

Finally, the researcher visited the chemistry department to be introduced to the staff and the facilities, and hear about the various projects, and discuss future collaboration.

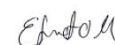
Thanks!

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Place and date Israel 1/4/2025

Signature



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Amministrazione

C.F.81001910439
protocollo@pec.unicam.it
www.unicam.it

Area Servizi agli Studenti

Ufficio Relazioni Internazionali

Polo degli Studenti "Franco Biraschi"
Via Gentile III da Varano, 26
62032 **Camerino** (MC) Italy
tel + 39 0737 404619
erasmus@unicam.it
relazioni.internazionali@unicam.it
international.unicam.it