

TRAINING SCHOOL: BIOAVAILABILITY OF CAROTENOIDS

School of Medicine, University of Newcastle. 19-23 March 2018

Organizers

Dr. Georg Lietz (University of Newcastle, United Kingdom).

Dr. Antonio J. Meléndez-Martínez (Universidad de Sevilla, Spain).

Topics

Theory (non-exhaustive list)

- Chemistry of carotenoids.
- Dietary sources of carotenoids.
- Factors affecting the release of carotenoids from food matrices.
- Absorption, transport and deposition of carotenoids and derivatives.
- Metabolism of carotenoids
- Nutrimetabolomics, genomics and proteomics.

Practice (non-exhaustive list)

- Modelling of carotenoid bioavailability.
- Bioinformatics.
- Human trial design.
- Data treatment.
- Separation of lipoprotein fractions.
- AUC calculation.

Trainees grants

A maximum of 30 grants will be offered. These will be of 400 €, 550 € and 800 € for selected trainees from UK, Ireland and other eligible countries, respectively.

How to apply

Applications must be sent to the Training School Coordinator and Vice Coordinator: Drs. Irina Milisav (irina.milisav@mf.uni-lj.si) and Gianfranco Diretto (giandiretto@gmail.com), respectively, **before 31 December 2017.**