



Protein structure solution, prediction and validation



Monday, May 13, 2019 (evening)
to
Friday, May 17, 2019 (noon)

Spetses Hotel, Spetses, Greece

Lecturers (including organizers): 10
Young scientists: 30

Deadline for application: April 12, 2019

Knowledge of protein structure is mandatory to understand and exploit/modulate their functions. The increase of novel methodologies aimed at experimentally solving protein structures at an atomistic level (i.e. X-ray crystallography, cryo-EM, NMR, etc.) and the improvement of computational biochemistry modelling techniques enabled to investigate with great accuracy protein structure, function, and the structure-function relationships also for proteins previously considered as difficult.

This advanced school aims at introducing young and senior scientists to the fundamentals of solving/predicting protein structure, including relevant bioinformatics techniques - and to selected applications in the fields of pathophysiology, biotechnology and pharmacology.

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For the detailed programme and additional information regarding registration fees and fellowships, please visit the website:

<https://iubmbadvancedschool.wordpress.com>