



One-Day Course

Proteins as drug target, proteins as drug, and protein degradation as therapeutic strategy

*Organized by the Group Protein of the Italian Biochemical Society and
the Division of Medicinal Chemistry of the Italian Chemistry Society*

May 8, 2017, Centro S. Elisabetta, Viale delle Scienze 95, Campus, University of Parma, Parma.

- 9.45-10.00 Welcome
- 10.00-10.30 **Giuseppe Zanotti**, University of Padova
Protein crystallography in drug design: opportunities and limitations
- 10.30-11.00 **Stefano Moro**, University of Padova
Proteins as drug target, proteins as drug: an overview of structure-based computational strategies for amyloidosis
- 11.30-12.00 **Alessio Ciulli**, University of Dundee
Drug design for targeted protein degradation
- 12.00-12.30 **Vittorio Bellotti**, University of Pavia,
Transthyretine and drugs for cardiac amyloidosis
- 12.30-14.00 Lunch
- 14.00-14.30 **Riccardo Percudani**, University of Parma
Chemical modified enzymes as therapeutic agents in pathologies of the purine degradative pathway
- 14.30-15.00 **Antonella Isacchi**, Nerviano Medical Sciences
Kinome and drugs targeting the ATP site

- 15.00-15.30 **Daniele Donati**, Nerviano Medical Sciences
Antibody Drug Conjugates (ADCs) in Cancer Therapy: Opportunities and Challenges
- 15.30-16.00 **Maria Paola Costi**, University of Modena e Reggio-Emilia
Protein quest: how to target thymidylate synthase to disclose cancer cell inhibition patterns
- 16.00-16.30 Closing Lecture
Guido Grandi, University of Trento
Vaccine against bacteria and cancer (tentative title)

Registration fee: 50 euro

The number of participants is limited to 90. Acceptance is based on first comes, first serves among PhD students and early-stage PostDocs.

A limited number of fellowships are available to cover registration and leaving expenses. Fellowships are offered by Gruppo Proteine, SIB, and Divisione di Chimica Farmaceutica, SCI. Only young members of SIB and SCI can request the support. Please, send the request accompanied by a motivation letter and a CV with info on the PhD program and present research activities to either andrea.mozzarelli@unipr.it for SIB members or gsbardella@unisa.it for SCI members.