

Department of Food and Drug

PhD Program in Sciences for Drugs, Biomolecules and Health Products

One-Day Course

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

***Organized by the Protein Group of the Italian Society of Biochemistry and Molecular Biology and
the Division of Medicinal Chemistry of the Italian Chemistry Society***

***8th May, 2017, Science Congress Hall, Plesso Didattico Q02 (Padiglione 25),
Viale delle Scienze, Campus, University of Parma, Parma, Italy***

- 9.00-10.00 Registration and 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
- 11.00-11.30 **Alessio Ciulli**, University of Dundee
Drug design for targeted protein degradation
- 11.30-12.00 **Vittorio Bellotti**, University of Pavia
Transthyretin and drugs for cardiac amyloidosis
- 12.00-12.30 **Elisabetta Armani**, Chiesi Farmaceutici
Proteins as drug target: the story of the inhaled PDE4 inhibitor CHF 6001
- 12.30-14.00 Lunch
- 14.00-14.30 **Riccardo Percudani**, University of Parma
Chemically 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 and 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
OMICs in vaccine discovery and cancer immunotherapy

Scientific Committee: Andrea Mozzarelli (SIB), Barbara Campanini (SIB), Stefano Bruno (SIB), Gabriele Costantino (SCI), Girolamo Cirrincione (SCI), Gianluca Sbardella (SCI)

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