

PROTEIN STABILITY AND PATHWAYS OF SELF ASSEMBLY

	MONDAY 24	TUESDAY 25	WEDNESDAY 26	THURSDAY 27	FRIDAY 28
	Thermodynamic and conformational stability	Protein aggregation: mechanisms and structures	Instability and self-assembly: thermodynamic and molecular routes	Instability and self-assembly: thermodynamic and molecular routes	Thermodynamic (meta)stability of protein in solution
9,00 - 9,30	WELCOME	Fabrizio Chiti (Firenze) The mechanisms of protein aggregation	Roland Winter (Dortmund) Using the pressure variable for studying unfolding, misfolding and aggregation of proteins	Emanuela Zaccarelli (Roma) Competitive interactions in proteins and colloids	Abraham Lenhoff (Newark,DE) Protein Interactions and phase separation
9:30 - 10:00	Christian Rischel (Copenhagen) Protein stability from theory to industrial applications				
10:00 - 10:30					
10,30 - 11,00	BREAK	BREAK	BREAK	BREAK	BREAK
11:00 - 11:30	BREAK	Christopher J. Roberts (Newark,DE) Misfolding and (non-)native aggregation: From peptides to multi-domain proteins	David A. Lomas (Cambridge) Serpinoopathies: A tale of folding, misfolding, and disease	Ernesto Freire (Baltimore,MD) Thermodynamic platform for drug design	Eva Zerovnik (Ljubljana) Towards a general mechanism of amyloid-fibril formation: case study of stefins
11:30 - 12:00	Richard Goldstein (London) The evolution and evolutionary consequences of marginal thermostability in proteins				Giuseppe Graziano (Benevento) The molecular origin of cold denaturation of globular proteins
12:00 - 12:30			Conclusive remarks FAREWELL		
12:30 - 13:00					
13:00 - 13:30	LUNCH	LUNCH	LUNCH	LUNCH	
13:30 - 14:00					
14:00 - 14:30		Bente Vestergaard (Copenhagen) Protein nucleation and oligomerization: Structural studies centered around small angle X-ray scattering analysis	FREE TIME	Annalisa Pastore (London) Protein stability and aggregation in crowded environments	
14:30 - 15:00	Stefano Gianni (Roma) The mechanisms of protein folding				
15:00 - 15:30					
15:30 - 16:00		BREAK &	BREAK &	BREAK &	
16:00 - 16:30	BREAK	POSTER SESSION	POSTER SESSION	POSTER SESSION	
16:30 - 17:00		Vincenzo Martorana (Palermo) Protein stability and self-assembly		Guido Tiana (Milano) Tools to model, simulate and control protein folding: the case of HIV-1 protease	
17:00 - 17:30	Pierandrea Temussi (Napoli) Protein cold denaturation				
17:00 - 18:00					