



# BBA PROTEINS AND PROTEOMICS

One of the ten topical journals of BBA

## AUTHOR INFORMATION PACK

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### DESCRIPTION

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*BBA Proteins and Proteomics* covers **protein** structure conformation and dynamics; protein folding; protein-ligand interactions; enzyme mechanisms, models and kinetics; protein physical properties and spectroscopy; and **proteomics** and **bioinformatics analyses** of protein structure, protein function, or protein regulation.

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Enzymologists, Protein chemists, Biochemists

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protein folding and misfolding, protein stability, conformational flexibility, protein aggregation, amyloid formation, enzymes

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Chaperonin function, Amyloid fibril formation, Protein aggregation, Structure and function of protein

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Molecular recognition, Protein engineering and design, Structural Biology, Protein evolution

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Protein stability, protein solubility, structural biophysics, structural bioinformatics, protein folding

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bioinformatics, mass spectrometry, posttranslational modification, protein-protein interactions, data mining.

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Oxygenase, redox, cofactor, kinetics, intermediates, pre-steady state

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Protein structure, dynamics and function, spectroscopic methods, hemoglobin and hemoglobin-based oxygen carriers, vitamin B6 enzymes, drug design

**Daniel Otzen**, Aarhus University, Aarhus, Denmark

protein aggregation, deposition diseases, protein folding and misfolding, membrane proteins, protein-lipid and protein-surfactant interactions.

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Structural Biology and Biophysics, Proteins and Biochemistry, Molecular Medicine

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Flavoenzymes; D-amino acids; D-serine; protein engineering; biocatalysis

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Protein folding, heat shock proteins and molecular chaperones, cell signalling, vision, diagnostics

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NMR Spectroscopy, Bacterial Cell Wall, Biomaterials.

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**Anthony Sauve**, Weill Cornell Medical College, New York, USA

Sirtuins, metabolism, enzymology, chemical biology, kinetic isotope effects.

**Solange M.T. Serrano**, Instituto Butantan, Sao Paulo, Brazil

snake venoms, proteomic analysis of animal toxic secretions, mass spectrometry, serine proteinases, metalloproteinases

**Albert Sickmann**, ISAS - Institute for Analytical Sciences, Dortmund, Germany

Bioanalytics, Protein Chemistry, System Biology, Mass Spectrometry, Posttranslational Modifications.

**Richard Simpson**, La Trobe University, Melbourne, Victoria, Australia

**Christian Stephan**, University of Bochum, Bochum, Germany

Proteomics, Bioinformatics, Biostatistics, Software development, quantitative Proteomics.

**James Stivers**, Johns Hopkins University School of Medicine, Baltimore, Maryland, USA

Enzymology, nucleic acid-protein interactions, inhibitor design, NMR spectroscopy.

**Kai Stühler**, University of Dusseldorf, Dusseldorf, Germany

Tissue Proteomics, Neurooncology, Mass Spectrometry, 2D-DIGE, PAGE, Neuroproteomics.

**Keith Tipton**, Trinity College, Dublin, Ireland

**Vito Turk**, Institut "Jožef Stefan", Ljubljana, Slovenia

Proteases, cathepsins, protein inhibitors, cystatins, structure

**Vladimir N. Uversky**, University of South Florida (USF) College of Medicine, Tampa, Florida, USA

Protein misfolding, protein non-folding, intrinsically disordered protein, partially folded protein

**Rebekka Wachter**, Arizona State University, Tempe, Arizona, USA

**Patrick Wintrode**, University of Maryland, Baltimore, Maryland, USA

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[1] J. van der Geer, J.A.J. Hanraads, R.A. Lupton, The art of writing a scientific article, *J. Sci. Commun.* 163 (2010) 51–59.

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[2] W. Strunk Jr., E.B. White, *The Elements of Style*, fourth ed., Longman, New York, 2000.

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[3] G.R. Mettam, L.B. Adams, How to prepare an electronic version of your article, in: B.S. Jones, R.Z. Smith (Eds.), *Introduction to the Electronic Age*, E-Publishing Inc., New York, 2009, pp. 281–304.

Reference to a website:

[4] Cancer Research UK, Cancer statistics reports for the UK. <http://www.cancerresearchuk.org/aboutcancer/statistics/cancerstatsreport/>, 2003 (accessed 13.03.03).

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