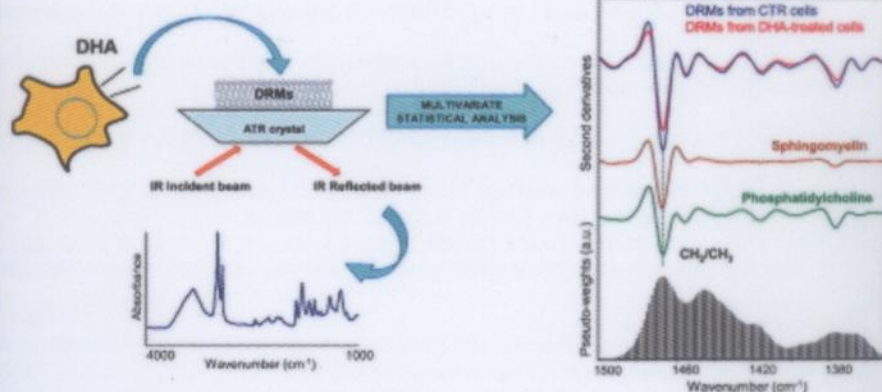


Biochimica et Biophysica Acta

BBA General Subjects

Special Issue:
Proline-directed
Foldases: Cell Signaling
Catalysts and Drug
Targets

Guest Editor
Gunter Fischer



Biochimica et Biophysica Acta

General Subjects

Abstracted/indexed in: BIOSIS - Chemical Abstracts - Current Contents/Life Sciences - EMBASE - EMBiology - Index Chemicus - MEDLINE®
- Science Citation Index - Sociedad Iberoamericana de Informacion Cientifica (SIIC) Data Bases. Also covered in the abstract and citation database Scopus®.
Full text available on ScienceDirect®

Special Issue: Proline-directed Foldases: Cell Signaling Catalysts and Drug Targets

Guest Editor: Gunter Fischer

Preface

Special Issue on Proline-directed Foldases: Cell
Signaling Catalysts and Drug Targets
F. Schmid 1963

Special Issue Articles

- Real-time protein NMR spectroscopy and
investigation of assisted protein folding
A. Kumar and J. Balbach 1965
- Control of protein function by prolyl isomerization
P.A.M. Schmidpeter, J.R. Koch and F.X. Schmid 1973
- Ziploc-ing the structure: Triple helix formation
is coordinated by rough endoplasmic
reticulum resident PPIases
Y. Ishikawa, S. Boudko and H.P. Bächinger 1983
- Computational perspective and evaluation
of plausible catalytic mechanisms of
peptidyl-prolyl *cis-trans* isomerases
S. Tork Ladani, M.G. Souffrant, A. Barman and
D. Hamelberg 1994
- Multidomain Peptidyl Prolyl *cis/trans* Isomerases
C. Schiene-Fischer 2005
- Prolyl isomerases in gene transcription
S.D. Hanes 2017
- FKBPs and their role in neuronal signaling
F. Hausch 2035
- Structural mechanisms of cyclophilin
D-dependent control of the mitochondrial
permeability transition pore
M. Gutiérrez-Aguilar and C.P. Baines 2041

- Interaction of p53 with prolyl isomerases:
Healthy and unhealthy relationships
F. Mantovani, A. Zannini, A. Rustighi and
G. Del Sal 2048
- Pleiotropic roles in cancer biology for
multifaceted proteins FKBP
S. Romano, A. D'Angelillo and M.F. Romano 2061
- Pin1 dysregulation helps to explain the inverse
association between cancer and Alzheimer's
disease
J.A. Driver, X.Z. Zhou and K.P. Lu 2069
- Pin1: Intimate involvement with the regulatory
protein kinase networks in the global
phosphorylation landscape
D.W. Litchfield, B.H. Shilton, C.J. Brandl and
L. Gyenis 2077
- Extracellular cyclophilins in health and disease
M. Bukrinsky 2087
- FKBPs in bacterial infections
C.M. Ünal and M. Steinert 2096
- The role of immunophilins in viral infection
S. Hopkins and P.A. Gallay 2103
- Biosynthesis of cyclosporins and other natural
peptidyl prolyl *cis/trans* isomerase inhibitors
A. Lawen 2111
- Semi-synthesis of cyclosporins
M. Peel and A. Scribner 2121
- Plant immunophilins: A review of their
structure-function relationship
D. Vasudevan, G. Gopalan, A. Kumar,
V.J. Garcia, S. Luan and K. Swaminathan 2145

