

Review**The substrates and binding partners of protein kinase C ϵ**

P.M. Newton and R.O. Messing

189–196

*Published on the Internet 29 March, 2010,
doi:10.1042/BJ20091302***Research Papers**

Formation of transient dimers by a retroviral protease

M.J. Hartl, K. Schweimer, M.H. Reger, S. Schwarzinger, J. Bodem, P. Rösch and B.M. Wöhrl

197–203

*Published as BJ Immediate Publication 8 February 2010,
doi:10.1042/BJ20091451*Chloroplast DnaJ-like proteins 3 and 4 (CDJ3/4) from *Chlamydomonas reinhardtii* contain redox-active Fe–S clusters and interact with stromal HSP70B

K.V. Dorn, F. Willmund, C. Schwarz, C. Henselmann, T. Pohl, B. Hess, D. Veyel, B. Usadel, T. Friedrich, J. Nickelsen and M. Schroda



205–215

*Published as BJ Immediate Publication 29 January 2010,
doi:10.1042/BJ20091412*

Electrostatic interactions play a minor role in the binding of ExoS to 14-3-3 proteins

L. Yasmin, J.L. Veessenmeyer, M.H. Diaz, M.S. Francis, C. Ottmann, R.H. Palmer, A.R. Hauser and B. Hallberg



217–224

*Published as BJ Immediate Publication 9 February 2010,
doi:10.1042/BJ20100043*

Mutants of the tumour suppressor p53 L1 loop as second-site suppressors for restoring DNA binding to oncogenic p53 mutations: structural and biochemical insights

A. Merabet, H. Houleberghs, K. Maclagan, E. Akanho, T.T.T. Bui, B. Pagano, A.F. Drake, F. Fraternali and P.V. Nikolova



225–236

*Published as BJ Immediate Publication 29 January 2010,
doi:10.1042/BJ20091888*

Filamin associates with stress signalling kinases MKK7 and MKK4 and regulates JNK activation

K. Nakagawa, M. Sugahara, T. Yamasaki, H. Kajihō, S. Takahashi, J. Hirayama, Y. Minami, Y. Ohta, T. Watanabe, Y. Hata, T. Katada and H. Nishina

237–245

*Published as BJ Immediate Publication 15 February 2010,
doi:10.1042/BJ20091011*Denatured proteins facilitate the formation of the football-shaped GroEL–(GroES)₂ complex

T. Sameshima, R. Iizuka, T. Ueno and T. Funatsu



247–254

*Published as BJ Immediate Publication 3 February 2010,
doi:10.1042/BJ20091845*Transcriptional regulation of the human acetoacetyl-CoA synthetase gene by PPAR γ

F. Aguiló, N. Camarero, J. Relat, P.F. Marrero and D. Haro

255–264

*Published as BJ Immediate Publication 26 January 2010,
doi:10.1042/BJ20090851*

Dihydroceramide desaturase activity is modulated by oxidative stress

J. Idkowiak-Baldys, A. Apraiz, L. Li, M. Rahmaniyan, C.J. Clarke, J.M. Kravcka, A. Asumendi and Y.A. Hannun

265–274

*Published as BJ Immediate Publication 27 January 2010,
doi:10.1042/BJ20091589*Calcineurin/Crz1 destabilizes Msn2 and Msn4 in the nucleus in response to Ca²⁺ in *Saccharomyces cerevisiae*

Y. Takatsume, T. Ohdate, K. Maeta, W. Nomura, S. Izawa and Y. Inoue



275–287

*Published as BJ Immediate Publication 2 February 2010,
doi:10.1042/BJ20091334*

Characterization of the transition-metal-binding properties of hepcidin

C. Tselepis, S.J. Ford, A.T. McKie, W. Vogel, H. Zoller, R.J. Simpson, J. Díaz Castro, T.H. Iqbal and D.G. Ward

289–296

*Published as BJ Immediate Publication 29 January 2010,
doi:10.1042/BJ20091521*

Adhesamine, a new synthetic molecule, accelerates differentiation and prolongs survival of primary cultured mouse hippocampal neurons

M. Hoshino, T. Tsujimoto, S. Yamazoe, M. Uesugi and S. Terada

297–304

*Published as BJ Immediate Publication 11 February 2010,
doi:10.1042/BJ20100071*

Contents

- Insertion of an NPVY sequence into the cytosolic domain of the erythropoietin receptor selectively affects erythropoietin-mediated signalling and function
Published as BJ Immediate Publication 5 February 2010,
doi:10.1042/BJ20091951
- A novel EP-involved pathway for iron release from soya bean seed ferritin
Published as BJ Immediate Publication 10 February 2010,
doi:10.1042/BJ20100015
- Novel insights into mannitol metabolism in the fungal plant pathogen *Botrytis cinerea*
Published as BJ Immediate Publication 5 February 2010,
doi:10.1042/BJ20091813
- T. Liron, T. Nahari, M.C. Souroujon and D. Neumann **305–312**
- X. Fu, J. Deng, H. Yang, T. Masuda, F. Goto, T. Yoshihara and G. Zhao **313–321**
- T. Dulermo, C. Rasclé, G. Billon-Grand, E. Gout, R. Bligny and P. Cotton **323–332**

