# BBA

## Volume 1850, Issue 2, February 2015



Front cover image: A Fourier transform infrared spectroscopy study of cell membrane domain modifications induced by docosahexaenoic acid, Volume 1840, Issue 10, October 2014, pages 3115–3122.

Publication information: Biochimica et Biophysica Acta (General Subjects) (ISSN 0304-4165). For 2015, Volume 1850 (12 issues) is scheduled for publication. Subscription prices are available upon request from the Bevier Customer Service Department nearest you or from this journal's website (http://www.elsevier.com/locate/bbagen). Further information is available on this journal's website (http://www.elsevier.com/locate/bbagen). Further information is available on this journal and other Elsevier products through Elsevier website (http://www.elsevier.com/). Subscriptions are accepted on a prepaid basis only and are entered on a calendar year basis. Issues are sent by standard mail (surface within Europe, air deliver) outside Europe. Priority rates are available upon request. Claims for missing issues should be made within six months of the date of dispatch. Orders, claims, and journal enquiries: please contact the Elsevier Customer Service Department, 251 Riverport Lane, Maryland Heights, MO 63043, USA; phone: (877) 83971878 [outside the USA]; fax: (-1) (314) 4478077, 83971878 [outside the USA]; fax: (-1) (314) 4478077, 83971878 [outside the USA]; fax: (-1) (314) 4478077, 83971878 [outside the USA]; fax: (-1) (319) 4478077, 83971878 [

Printed by Polestar Wheatons Ltd., Exeter, United Kingdom

 The paper used in this publication meets the requirements of ANSI/NISO Z39.48-1992 (Permanence of Paper)

# **GENERAL SUBJECTS**

**Executive Editors:** Elias Arnér (*Stockholm*, *Sweden*)

David Litchfield (London, ON, Canada)

#### **Section Editors:**

Fadi Bou-Abdallah (*Potsdam*, *New York*) Henrik Clausen (Copenhagen, Denmark) Michael Cusick (Boston, MA, USA) Nancy M. Dahms (Milwaukee, Wisconsin, USA) Hans-Joachim Gabius (München, Germany) Andy J. Ghio (Chapel Hill, NC, USA) Sara Goldstein (Jerusalem, Israel) Mark T. Hamann (University, MS, USA) Dorothy B. Hausman (Athens, GA, USA) Rong-Qiao He (Beijing, China) Stefan Hohmann (Göteborg, Sweden) Elaine Holmes (London, England) Hidenori Ichijo (*Tokyo*, *Japan*) Anders H. Johnsen (Copenhagen, Denmark) Gordan Lauc (Zagreb, Croatia)

Hong Kyu Lee (Seoul, South Korea)
Christopher H. Lillig (Marburg, Germany)
Mary Lipton (Richland, WA, USA)
Bengt Mannervik (Uppsala, Sweden)
Denis Pompon (Gif-sur-Yvette, France)
Henry Miziorko (Kansas City, MO, USA)
Tadashi Suzuki (Saitama, Japan)
Masashi Tanaka (Tokyo, Japan)
Jerry Turnbull (Liverpool, UK)
Mathias Uhlén (Stockholm, Sweden)
Rebecca Wade (Heidelberg, Germany)
Yau-Huei Wei (Taipei, Taiwan)
Christopher West (Oklahoma, USA)
Hans Westerhoff (Manchester, United Kingdom)
Yoshihiro Yoneda (Osaka, Japan)

Keywords that indicate the expertise of each Editor can be found on the journal homepage at http://www.elsevier.com/locate/bbagen

## **Scientific Editors** (Elsevier, Cambridge, MA, USA):

Shawnna Buttery Claudia Montefusco Laura Wallins Denise M. Wells (Manager)



**ELSEVIER** 

Amsterdam – Boston – London – New York – Oxford – Paris – Philadelphia – San Diego – St. Louis