



Front cover image: Atomistic model of MARCKS-ED interacting with membrane bilayers. a) Snapshot showing MARCKS-ED binding to the membrane bilayers after 40 ns of simulations using the CHARMM forcefield. Lipid tails are shown in cyan. Water molecules are shown in stick and ball representation with the oxygen atoms shown in red and the hydrogen atoms in white. Lysine residues of MARCKS-ED are shown in blue, phenylalanine in white and serine in green. The lipid head groups are shown as: choline nitrogen (light violet), phosphate phosphorus (light yellow) and one of the sn-2 carbonyl oxygen (pink). For clarity, atoms in the foreground are not shown, and the size of the head group atoms have been decreased. b) A different view with the lipid tails and water molecules removed. Colors and representations are the same as that in a). See Morton et al., Biophysical investigations with MARCKS-ED: dissecting the molecular mechanism of its curvature sensing behaviors. Vol. 1838, pages 3137-3144.

Publication information: *Biochimica et Biophysica Acta (Biomembranes)* (ISSN 0005-2736). For 2015, Volume 1848 (12 issues) is scheduled for publication. Subscription prices are available upon request from the Publisher or from the Elsevier Customer Service Department nearest you or from this journal's website (<http://www.elsevier.com/locate/bbmem>). Further information is available on this journal and other Elsevier products through Elsevier's 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 delivery 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 inquiries:** Please contact the Elsevier Customer Service Department nearest you: **St. Louis:** Elsevier Customer Service Department, 3251 Riverport Lane, Maryland Heights, MO 63043, USA; phone: (877) 8397126 [toll free within the USA]; (+1) (314) 4478878 [outside the USA]; fax: (+1) (314) 4478077; e-mail: JournalCustomerService-usa@elsevier.com. **Oxford:** Elsevier Customer Service Department, The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK; phone: (+44) (1865) 843434; fax: (+44) (1865) 843970; e-mail: JournalsCustomerServiceEMEA@elsevier.com. **Tokyo:** Elsevier Customer Service Department, 4F Higashi-Azabu, 1-Chome Bldg, 1-9-15 Higashi-Azabu, Minato-ku, Tokyo 106-0044, Japan; phone: (+81) (3) 5561 5037; fax: (+81) (3) 5561 5047; e-mail: JournalsCustomerServiceJapan@elsevier.com. **Singapore:** Elsevier Customer Service Department, 3 Killiney Road, #08-01 Winsland House I, Singapore 239519; phone: (+65) 63490222; fax: (+65) 67331510; e-mail: JournalsCustomerServiceAPAC@elsevier.com. **Author inquiries:** You can track your submitted detail at http://help.elsevier.com/app/answers/detail/a_id/89/p/8045/. You can track your accepted article at <http://www.elsevier.com/trackarticle>. You are also welcome to contact Customer Support via <http://support.elsevier.com>. **Advertising information:** If you are interested in advertising or other commercial opportunities please e-mail Commercialsales@elsevier.com and your inquiry will be passed to the correct person who will respond to you within 48 hours. **Illustration services:** Elsevier's WebShop (<http://webshop.elsevier.com/illustrationservices>) offers Illustration Services to authors preparing to submit a manuscript but concerned about the quality of the images accompanying their article. Elsevier's expert illustrators can produce scientific, technical and medical-style images, as well as a full range of charts, tables and graphs. Image 'polishing' is also available, where our illustrators take your image(s) and improve them to a professional standard. Please visit the website to find out more.

Printed by Henry Ling Ltd., Dorchester, United Kingdom
© The paper used in this publication meets the requirements of ANSI/NISO Z39.48-1992 (Permanence of Paper)

BIOMEMBRANES

Executive Editors: Yechiel Shai (*Rehovot, Israel*)
Hans J. Vogel (*Calgary, AB, Canada*)

Section Editors:

Francisco J. Barrantes (*Buenos Aires, Argentina*)
Eitan Bibi (*Rehovot, Israel*)
Robert Blumenthal (*Frederick, MD, USA*)
Amit Chattopadhyay (*Hyderabad, India*)
Marco Colombini (*College Park, MD, USA*)
John H. Crowe (*Davis, CA, USA*)
William F. DeGrado (*San Francisco, CA, USA*)
Donald Engelman (*New Haven, CT, USA*)
Klaus Gawrisch (*Rockville, MD, USA*)
Astrid Gräslund (*Stockholm, Sweden*)
Huey W. Huang (*Houston, TX, USA*)
Leaf Huang (*Chapel Hill, NC, USA*)
Kenneth A. Jacobson (*Bethesda, MD, USA*)
Valerian E. Kagan (*Pittsburgh, PA, USA*)
Michael M. Kozlov (*Tel Aviv, Israel*)
Akihiro Kusumi (*Nagoya, Japan*)
Katsumi Matsuzaki (*Kyoto, Japan*)
Jesus Pérez-Gil (*Madrid, Spain*)
Manuel Prieto (*Lisbon, Portugal*)
Ayyalusamy Ramamoorthy (*Ann Arbor, MI, USA*)
Mark S.P. Sansom (*Oxford, United Kingdom*)
Suzanne Scarlata (*Stony Brook, NY, USA*)
Frances Separovic (*Melbourne, VIC, Australia*)
Kai Simons (*Dresden, Germany*)
J. Peter Slotte (*Turku, Finland*)
Lukas K. Tamm (*Charlottesville, VA, USA*)
Gunnar von Heijne (*Stockholm, Sweden*)
Tony Watts (*Oxford, United Kingdom*)
Stephen H. White (*Irvine, CA, USA*)
Christopher M. Yip (*Toronto, ON, Canada*)
Michael Zasloff (*Washington, D.C., USA*)

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

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