Medical Entomology and Zoology

Editor
Hiroyuki Takaoka
Department of Infectious Disease Control
Faculty of Medicine
Oita University
Yufu City, Oita, 879-5593 Japan

Editorial Board
Minoru Baba (Japan) Wej Choochote (Thailand) Yuki Eshita (Japan)
Kazuyoshi Fujimoto (Japan) Hiromi Fujita (Japan) Yoshihisa Hashiguchi (Japan)
Toshihiko Hayashi (Japan) Kimio Hirabayashi (Japan) Haruhiko Isawa (Japan)
Mitsuhiro Iwasa (Japan) Hitoshi Kawada (Japan) Lilian de Las Llagas (Philippines)
Motoyoshi Mogi (Japan) Shinichi Noda (Japan) Takao Okazawa (Japan)
Goro Shinjo (Japan) Somboon Pradya (Thailand) Han-Il Ree (Korea)
Hitoshi Sasaki (Japan) Nobuhiro Takada (Japan) Takako Toma (Japan)
Yoshio Tsuda (Japan) Shigehiko Uni (Japan) Jeffrey D. Wells (U.S.A.)

Editorial Office: Department of Infectious Disease Control
Faculty of Medicine
Oita University
Yufu City, Oita, 879-5593 Japan
Phone +81-97-586-5702 Fax +81-97-586-5702

The Japan Society of Medical Entomology and Zoology
c/o Department of Medical Entomology, National Institute of Infectious Diseases, Toyama 1-23-1, Shinjuku-ku, Tokyo, 162-8640 Japan

All rights reserved. No part of this publication may be reproduced in any form or by any means without the prior permission of the editor.

Notice about photocopying
In order to photocopy any work from this publication, you or your organization must obtain permission from the following organization which has been delegated for copyright for clearance by the copyright owner of this publication.
Except in the USA
Japan Academic Association for Copyright Clearance (JAACC)
6-41 Akasaka 9-chome, Minato-ku, Tokyo, 107-0052 Japan
Tel: 81-3-3475-5618 Fax: 81-3-3475-5619 E-mail: jacc@mtd.biglobe.ne.jp
In the USA
Copyright Clearance Center, Inc. (CCC)
222 Rosewood Drive, Danvers, MA 01923, USA
Phone: 1-978-750-8400, Fax: 1-978-646-8600 http://www.copyright.com