
Public Health Genetics

Experiences and Challenges

International Symposium
February 19–21, 2004, Bielefeld, Germany

Guest Editors

Angela Brand, Bielefeld

Peter Schröder, Bielefeld

5 figures and 6 tables, 2006

KARGER

Basel • Freiburg • Paris • London • New York •
Bangalore • Bangkok • Singapore • Tokyo • Sydney

S. Karger
Medical and Scientific Publishers
Basel • Freiburg • Paris • London
New York • Bangalore • Bangkok
Singapore • Tokyo • Sydney

Disclaimer

The statements, options and data contained in this publication are solely those of the individual authors and contributors and not of the publisher and the editor(s). The appearance of advertisements in the journal is not a warranty, endorsement, or approval of the products or services advertised or of their effectiveness, quality or safety. The publisher and the editor(s) disclaim responsibility for any injury to persons or property resulting from any ideas, methods, instructions or products referred to in the content or advertisements.

Drug Dosage

The authors and the publisher have exerted every effort to ensure that drug selection and dosage set forth in this text are in accord with current recommendations and practice at the time of publication. However, in view of ongoing research, changes in government regulations, and the constant flow of information relating to drug therapy and drug reactions, the reader is urged to check the package insert for each drug for any change in indications and dosage and for added warnings and precautions. This is particularly important when the recommended agent is a new and/or infrequently employed drug.

All rights reserved.

No part of this publication may be translated into other languages, reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying, recording, microcopying, or by any information storage and retrieval system, without permission in writing from the publisher or, in the case of photocopying, direct payment of a specified fee to the Copyright Clearance Center (see 'General Information').

© Copyright 2006 by S. Karger AG,
P.O. Box, CH-4009 Basel (Switzerland)
Printed in Switzerland on acid-free paper by
Reinhardt Druck, Basel
ISBN 3-8055-8057-6

KARGER

Fax +41 61 306 12 34
E-Mail karger@karger.ch
www.karger.com

Contents

Editorial

- 5 Public Health Genetics – Experiences and Challenges**
Brand, A.; Schröder, P. (Bielefeld)

Feature Article

- 8 What Role for Public Health in Genetics and Vice Versa?**
Holtzman, N.A. (Baltimore, Md.)

Assessment

- 21 Genomics and Public Health in the United States: Signposts on the Translation Highway**
Gwinn, M.; Khoury, M.J. (Atlanta, Ga.)
- 27 Managing Partnerships and Impact on Decision-Making: The Example of Health Technology Assessment in Genetics**
Blancaert, I. (Montréal)

Policy Development

- 34 Public Health Genetics and Social Justice**
Dabrock, P. (Marburg)
- 40 The Spectre of Coercion: Is Public Health Genetics the Route to Policies of Enforced Disease Prevention?**
van den Daele, W. (Berlin)

Assurance

- 50 Pharmacogenetics, Adverse Drug Reactions and Public Health**
Kollek, R.; van Aken, J.; Feuerstein, G.; Schmedders, M. (Hamburg)
- 55 PopGen: Population-Based Recruitment of Patients and Controls for the Analysis of Complex Genotype-Phenotype Relationships**
Krawczak, M.; Nikolaus, S.; von Eberstein, H.; Croucher, P.J.P.; El Mokhtari, N.E.; Schreiber, S. (Kiel)
- 62 Genetic Counseling for the Public?**
Kunstmann, E.; Epplen, J.T. (Bochum)

Perspectives

- 67 Getting Ready for the Future: Integration of Genomics into Public Health Research, Policy and Practice in Europe and Globally**
Brand, A.; Schröder, P.; Brand, H. (Bielefeld); Zimmern, R. (Cambridge)

- 72 Author Index**
72 Subject Index