

EUROPEAN REVIEW

INTERDISCIPLINARY JOURNAL OF THE ACADEMIA EUROPAEA

Featuring

Erasmus Lecture – Language and the
Evolution of Human Mind
by Herbert Markl

Aspects of Language Mechanisms
by Friedemann Pulvermüller

The Genetic Revolution
*by Kay E. Davies, Angus J. Clarke and
Peter S. Harper*

European Nation-State in Africa
by Catherine Coquery-Vidrovitch

Limits to Globalization
by Hans Holmén

World Wide Web and Museums
by Jonathan Bowen



EURREK 5(1) 1–122 (1997)
ISSN 1062-7987





EUROPEAN REVIEW

EDITOR-IN-CHIEF

Arnold Burgen
Department of Pharmacology
Tennis Court Road
University of Cambridge
Cambridge CB2 1QJ
UK

ASSOCIATE EDITORS

Kjell Härnqvist

Sveagatan 9, S413 14 Gothenburg, Sweden

Alexis Jacquemin

16, Avenue Ptolémée, 1180 Brussels, Belgium

Henri Korn

Institut Pasteur, Laboratoire de Neurobiologie Cellulaire, Inserm U.261, 25 rue du
Dr Roux, 75015 Paris, France

Ernst Mestmäcker

Max-Planck-Institute für Ausländisches und Internationales Privatrecht, Mittelweg 187,
2000 Hamburg 13, Germany

Henk Wesseling

Netherlands Institute for Advanced Study, Meyboomlaan 1, 2242 PR Wassenaar,
The Netherlands

Barbara Wright

Trinity College, Department of French, Arts Building, Dublin, Ireland

BOOK REVIEW EDITOR

Robert Cahn

Cambridge University, Department of Materials Science and Metallurgy, Pembroke
Street, Cambridge CB2 3QZ, UK

AIMS AND SCOPE

The *European Review* is an *Interdisciplinary Review Journal* of the *Academia Europaea*. The contents reflect the broad range of disciplines included within the *Academia*, as well as its comprehensive European membership. The review will thus include articles covering a wide range of topics written so as to make them accessible to readers from other disciplines. Each issue will include a special section focused on a particular topic. The articles will be by authors mostly located in Europe and some will relate to specifically European questions.

Authorship is in no way restricted to members of the *Academia Europaea* and the Editors welcome submissions.

ACADEMIA EUROPAEA

The *Academia Europaea* was established in 1988 to bring together scholars from across Europe, East and West, of all academic disciplines. It has already proved to be an admirable medium for tackling problems on a Europe wide basis and especially on an interdisciplinary basis—bringing together scholars from disciplines that would be unlikely to meet otherwise. It organizes symposia at annual meetings which move around Europe and which have covered subjects like the Rights of Minority Groups, the Image of Science, the Study of the Human Genome, Population Migration, and the Search for Meaning in Contemporary Life. It has also established study groups, the first of which has published its findings in a book on 'Schooling in Contemporary European Society'. Other studies are in progress on Problems of Youth in a Changing Europe, Energy Forecasting, Higher Education, Teaching Science in Schools, Social Aspects of Science Policy, and the Idea of Progress.

It can be seen that the *Academia Europaea* has a wide perspective and this is reflected in this Review.

The *Academia* is an independent organization based in London.

Contents

VOLUME 5 NUMBER 1

JANUARY 1997

| | |
|---|-----|
| Language and the Evolution of the Human Mind H. MARKL | 1 |
| Aspects of Language Mechanisms: A Hebbian Perspective F. PULVERMÜLLER | 23 |
| The Genetic Revolution and Medicine in the 21st Century K. E. DAVIES, A. J. CLARKE and P. S. HARPER | 39 |
| The Exportation of the European Idea of the Nation-State to Africa C. COQUERY-VIDROVITCH | 55 |
| Limits to Globalization H. HOLMÉN | 75 |
| The World Wide Web and the Virtual Library Museums Pages J. BOWEN | 89 |
| Essay Review: Twentieth Century Physics A. SEEGER | 105 |
| Book Reviews: Einstein: A Life Political Parties and the European Union Kurt Gödel, Unpublished Essays Social Security, Household and Family Dynamics in Ageing Societies | 113 |
| Erratum | 121 |

Visit the Wiley Home Page
In the United States you will find us at: <http://www.wiley.com>
and in Europe at: <http://www.wiley.co.uk>

Indexed or abstracted by 'GEOBASE', 'Geographical Abstracts: Human Geography'
and ASSIA: Applied Social Sciences Index and Abstracts

Euro. Rev.
EURREK 5(1) 1-122 (1997)
ISSN 1062-7987

European Review

Subscriptions

European Review is published quarterly by John Wiley & Sons, Ltd.

Subscription Rates

Volume 5 1997 4 issues

US\$365.00; bona fide personal subscriptions to UK £95.00; elsewhere US\$150.00.

To subscribe, please contact Journals Subscriptions Department, John Wiley & Sons, Ltd., 1 Oldlands Way, Bognor Regis, West Sussex PO22 9SA, UK.

Tel: +44 (0) 1243 779777

Fax: +44(0) 1243 843232

Email: cs-journals@wiley.co.uk

Sample Copies

If you are interested in subscribing, you may obtain a free sample copy by contacting John Wiley & Sons, Ltd. at the above address.

Services

Advertising

To advertise in *European Review*, contact Caroline Melling, Non-subscription Sales Manager, John Wiley & Sons, Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

Tel: +44 (0) 1243 770351

Fax: +44 (0) 1243 770429

Email: info-assets@wiley.co.uk

For US-based advertising enquiries contact Susan Levey, Advertising Department, John Wiley & Sons, Inc., 605 Third Avenue, New York, NY 10158-0012, USA, Tel: +1 (212) 850 8833, Fax: +1 (212) 850 8888.

Mailing Lists

Our high quality, profiled subscription lists may be rented for use with targeted mailing campaigns. For a quotation, contact Caroline Melling at the above UK address.

Reprints

Do you wish to purchase reprints of any article from *European Review*? Reprints from this journal or any previous issue are available to order. Contact Caroline Melling at the above UK address for details of this service.

Copyright

Copyright © 1997 John Wiley & Sons, Ltd.

All Rights Reserved. No part of this publication

may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, scanning or otherwise, except as described below, without the permission in writing of the Publisher.

Copying of articles is not permitted except for personal and internal use, to the extent permitted by national copyright law, or under the terms of a licence issued by the national Reproduction Rights Organization (such as Copyright Licensing Agency, 90 Tottenham Court Road, London W1P 9HE, UK or Copyright Clearance Center Inc., 27 Congress Street, Salem, MA 01970, USA). Requests for permission for other kinds of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works or for resale, and other enquiries should be addressed to the Publisher.

Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinions of John Wiley & Sons, Ltd. Wiley assumes no responsibility or liability for any damage or injury to persons or property arising out of the use of any materials, instructions, methods or ideas contained herein. Wiley expressly disclaims any implied warranties of merchantability or fitness for a particular purpose. If expert assistance is required, the services of a competent professional person should be sought.

Abstracting and Indexing

European Review is covered by the following abstracting and indexing services: GEOBASE, Geographical Abstracts: Human Geography, and ASSIA: Applied Social Sciences Index and Abstracts.

Production Information

Production Details

Printed on acid-free paper.

Typeset, printed and bound by Henry Ling Ltd., Dorchester, Dorset.

Identification Statement

European Review (ISSN 1062-7987) is published quarterly by John Wiley & Sons, Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK. Periodicals postage paid at Rahway, NJ. Air freight and mailing in the USA by Mercury Airfreight International Ltd. Inc., 2323 Randolph Avenue, Avenel, NJ 07001, USA. USA Postmaster—send address changes to *European Review*, c/o Mercury Airfreight International Ltd. Inc., 2323 Randolph Avenue, Avenel, New Jersey, NJ 07001, USA.