

# The Immunologist

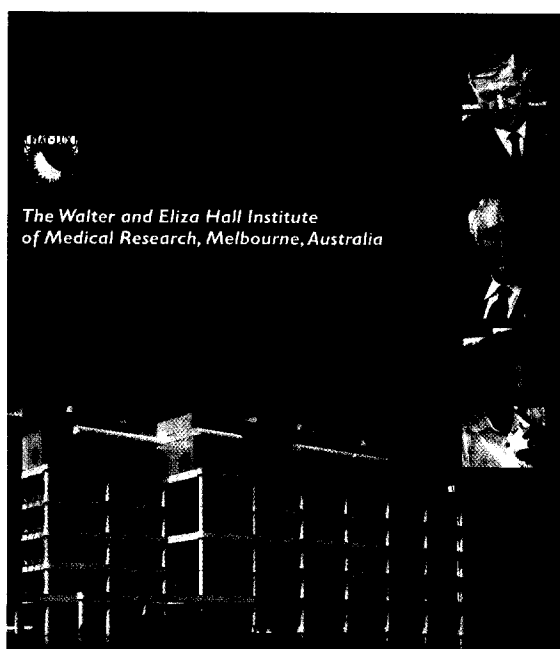
Volume 8, Issue 1-2, January - April 2000

Readers of *The Immunologist* will be aware that in addition to our regular bimonthly format of review papers on research in clinical and basic immunology, we have occasional special issues. In the past, we have had special issues of the highlights of the proceedings of the last two world Congresses in Immunology in San Francisco and New Delhi (*The Immunologist*, 1995, vol. 3, no. 5/6; and vol. 7, 1999, no. 1/2), which were extremely popular as an alternative to cumbersome standard proceedings volumes. In addition, we plan to produce from time to time an issue devoted to articles from a single research institution, and we began this in 1998 with the very successful issue from the Oklahoma Medical Research Foundation (*The Immunologist*, 1998, vol. 6, no. 2). This, we hope, acknowledges the very valuable research carried out by various institutions, and allows us to see their range of areas of interest.

The present issue focuses on the current research carried out at the Walter and Eliza Hall Institute of Me-

dical Research. This institute contributed hugely to the birth of modern immunology, reflected in the receipt of the Nobel prize in 1960 by Medawar and Burnet, when Burnet was Director at the Institute. Burnet was followed as the Institute's head by Gus Nossal, and now by Suzanne Cory. They were and are accompanied by an impressive list of scientists, who, as this issue illustrates, continue on the Institute's noble tradition. The range of articles in this issue reflect the original interests in fundamental questions asked in the 1950s and 1960s, how these developed, and how new technologies have influenced the direction of the research. Immunology owes a debt to the scientists past and present from this illustrious Institute; we are privileged to be allowed to showcase their research profile.

Jacinta Kelly  
Jacob B. Natvig



**Cover**

The Walter and Eliza Hall Institute of Medical Research, Melbourne, Australia. Frank M. Burnet (top) was the 3rd director of the Institute; he was followed by Gus Nossal (middle), and Suzanne Cory (bottom).

## Hall Institute

**Immunology at the Hall Institute:  
The Third Wave** 3  
*Suzanne Cory*

**A Tradition of Research on T Cells and  
Immune Tolerance** 4  
*Jacques F.A.P. Miller*

**The B-Lymphocyte Tradition Within  
The Walter and Eliza Hall Institute** 6  
*Gustav J.V. Nossal*

**Affinity Maturation in the B-Cell  
Response to Antigen** 9  
*David Tarlinton, Amanda Light, Kenneth Smith,  
Gustav J. V. Nossal*

**Transcription Factors in B-Cell  
Development and Function** 11  
*Lynn Corcoran, Paul Shore*

The views expressed in *The Immunologist* do not necessarily reflect those of the editors or the publishers.

**2000 Subscriptions:**

Libraries/Institutions: US \$ 78.00 / SFr 114.00 /  
DM 145.00 / £ 48.00

Individuals: US \$ 68.00 / SFr 98.00 / DM 124.00 / £ 43.00

IUIS Members: Special rates are available to members of all adhering immunology societies. Please inquire.

The authors of all articles agree, upon acceptance of an article for publication, to transfer to the Publishers the exclusive and unlimited rights, as detailed in the guidelines for authors published in the journal or available upon request from the publisher, to reproduce, publish, and distribute the enclosed article, in physical, electronic, or other form, for the duration of the copyright's validity as defined by international law.

USA  
Hogrefe & Huber Publishers  
PO Box 2487  
Kirkland, WA 98083  
Tel. (425) 820-1500

CANADA  
Hogrefe & Huber Publishers  
12 Bruce Park Avenue  
Toronto, Ontario, M4P 2S3  
Tel. (416) 482-6339

GERMANY  
Hogrefe & Huber Publishers  
Rohnsweg 25  
D-37085 Göttingen  
Tel. +49 551 49609-0

SWITZERLAND  
Verlag Hans Huber  
Länggass-Strasse 76  
CH-3000 Bern 9  
Tel. +41 31 300-4500

## The Immunologist

Official publication of the International Union of Immunological Societies

© 2000 Hogrefe & Huber Publishers  
Printed in Germany  
ISSN 1192-5612  
ISBN 0-88937-221-7