

L. Packer  
E. Cadenas

## Biological oxidants and antioxidants

Stuttgart: Hippokrates 1994. 268 pp., 94 figs. (ISBN 3-7773-1114-6). DM 148.00.

This book, edited by L. Packer and E. Cadenas, contains contributions from several leading authors in the field of free radical and oxygen metabolism. It provides a thorough, peer review of numerous recent topics related to biological oxidants and antioxidants.

Basic aspects of free radical production are extensively developed with regard to

the most recent data on molecular biology. These topics include, for example, mechanisms of DNA damage by free radicals, kinetics of enzymatic reactions involved in endogenous antioxidant activities, synergistic actions between endogenous antioxidants, tissue gene expression of enzymatic scavengers, interaction of free radicals with cell membrane receptors and biological effects of oxidants, as well as biochemical mechanisms of activation of neutrophils.

At the same time, this book is relevant for clinicians. Some chapters are completely devoted to such clinical subjects as the role of oxidants and antioxidants in degenerative diseases, aging, or chemical carcinogenesis. The role of cigarette smoke-induced oxidative stress and of lipid peroxidation of low-density lipoproteins in relation to atherosclerosis are also investigated. In addition, the association between

antioxidant intake (vitamins C and E) and mortality in a sample population or with the risk of cardiovascular diseases is examined, together with studies on epidemiologic evidence of health benefits of antioxidants. Unfortunately, very little data are provided on ischemia and reperfusion or on organ transplantation.

The chapters are well presented and well structured, and they are abundantly illustrated with excellent figures.

In sum, this book is of interest primarily to biochemists, but also to clinicians who would like to upgrade their knowledge in an exciting domain of modern medicine.

J. O. Defraigne, Liège

## ANNOUNCEMENTS

### Sandoz ESOT Study Grants: Transplantation Call for Applications

Sandoz Pharma Ltd. offers annual study grants totaling SFr. 40 000.- to individuals involved in the clinical or experimental fields of transplantation. Each study has to be performed in a country situated in Europe that is not the country in which the applicant is currently working. There will have to be a specific purpose with a clear study goal. The period for which an applicant may apply for financial support can vary from one to several weeks or months. Congress visits will be excluded from any study grant. The Council of the European Society for Organ Transplantation (E.S.O.T.) will administer the Sandoz ESOT Study Grants. The selection and final decision will be made by the Council. Applications must be in English, should specify the purpose of the

study, and should be supported with relevant documentation, including a full curriculum vitae. The application must be signed by the head of the department/program where the study will take place. Neither the heads of the departments nor the applicant necessarily has to be a member of E.S.O.T.

#### Applications should be sent to:

Professor C. Hammer, Institut für Chirurgische Forschung der Universität München, Klinikum Grosshadern, Marchioninistrasse 15; D-81377 München, Germany.

#### Envelopes should be clearly marked "Sandoz ESOT Study Grant."

### Necker Seminars in Nephrology 8-10 May 1995, Paris, France

The 1995 Necker Seminars in Nephrology will be held from 8 until 10 May 1995 at the Necker Hospital in Paris. The Tuesday symposium will highlight the topic of longterm expectations in organ allografting.

*For further information, please contact:*  
Doreen Broneer, Département de Néphrologie, Hôpital Necker, 161 Rue de Sèvres, F-75743 Paris Cedex 15, France; Tel.: (33) 1 44 49 54 12;  
Fax: + 33 1 44 49 54 50.

**4th Basic Sciences Symposium  
on Transplantation  
Immunobiology  
17–20 September 1995,  
Noordwijkerhout,  
The Netherlands**

The intent of the 4th Basic Sciences Symposium is to provoke scientific interaction and the exchange of the newest information regarding transplantation immunobiology. The different themes will be elaborated on during oral and poster sessions. In keeping with the tradition of previous meetings, a "retreat" atmosphere will be created to facilitate the sharing of information in an informal, social context.

*For further information, please contact:* Symposium Secretariat, IMEDEX, Bruistensingel 360, P.O. Box 3283, NL-5203 DG's-Hertogenbosch, The Netherlands; Tel.: (31) 73 42 92 85; Fax: (31) 73 41 47 66. For USA and Canada: IMEDEX USA, Inc., 1060 Cambridge Square, Suite D, Alpharetta, GA 30201, USA; Tel.: +1 404 751 73 32; Fax: +1 404 751 73 34.

**Eurotransplant Workshops  
and Meeting  
21–22 September 1995,  
Leiden, The Netherlands**

The annual Eurotransplant Workshops and Meeting will take place on Thursday and Friday, 21–22 September 1995, in Leiden, The Netherlands.

*For further information, please contact:* Eurotransplant Foundation, P.O. Box 2304, 2301 CH Leiden, The Netherlands. Tel.: +31 71 18 28 38; Fax: +31 71 14 94 80.

**7th Congress of the European  
Society for Organ  
Transplantation  
3–7 October 1995,  
Vienna, Austria**

The 7th E.S.O.T. Congress will be held from Tuesday through Saturday, 3–7 October 1995, at the Hofburg Congress Center in Vienna, Austria. Besides plenary sessions on selected topics, scientific symposia and poster sessions, the ESOT Council has also scheduled a plenary session in which the best papers will be awarded. Proceedings of the congress will be published as a supplement to **Transplant International**.

*For further information, please contact:* Scientific Secretariat and Congress Office ESOT '95, Vienna Academy of Postgraduate Medical Education and Research, Alsser Straße 4, A-1090 Vienna, Austria. Tel.: +431 42 13 83 13; Fax: +431 42 13 83 23.