The Royal Society is an independent academy promoting the natural and applied sciences. Founded in 1660, the Society has three roles, as the UK academy of science, as a learned Society, and as a centre of excellence. The Royal Society plays a key role in the UK’s science base by providing support to fund excellent research to push back the frontiers, a pioneer tree from a Proceedings of The Royal Society B: Biological Sciences is published twice per month. The annual subscription price, fully inclusive of Proceedings of The Royal Society B: Biological Sciences welcomes papers on any aspect of biological science. It publishes promote scholarship and encourage research into Biology Letters printed version plus electronic access to papers already published will also be acceptable, subject to their originality and interest, and to the rules of good manners. Alternatively, the Editor may agree to an electronic (PDF) appendix (see Resources for Authors at http://www.pubs.royalsoc.ac.uk/resources_authors.shtml). Regrettably, papers estimated to exceed 10 printed pages will be returned to the author without consideration. The target publication time is 4 months from acceptance (except that the title page is with the author). Reviews: The Editor will also consider short reviews, but only if they contain original and interesting new ideas. Short addressees to, or criticisms of, papers printed in the Proceedings will also be accepted, subject to their originality and, if appropriate, to the rules of good manners. How to submit: Authors should prepare papers in accordance with our Instructions to Authors (http://www.pubs.royalsoc.ac.uk/resources_authors.shtml). The Royal Society, 6–9 Carlton House Terrace, London, SW1Y 5AG, UK. Tel: +44 (0)20 7839 5561, Fax: +44 (0)20 7976 1837. Productions of The Royal Society B: Biological Sciences is published twice per month. The annual subscription price, fully inclusive of postage (air-speeded for overseas addresses) and electronic access, is given below.

Prices: 2005 calendar year

Proceedings of The Royal Society B: Biological Sciences including Biology Letters printed version plus electronic access

Europe £800/US$1160

USA & Canada £690/US$1040

all other countries £990/US$1415

The Royal Society, 6–9 Carlton House Terrace, London, SW1Y 5AG, UK. Tel: +44 (0)20 7839 5561, Fax: +44 (0)20 7976 1837

Publishing Editor: James Joseph (ext. 2631)

Editorial Coordinators: Helen Braysher (ext. 2629) and Claire Rawlinson (ext. 2662) Email: proceedings@royalsoc.ac.uk

Publications Sales Office: Jackie Knopp (ext. 2665) and Jill Ponsford (ext. 2646) Email: sales@royalsoc.ac.uk

Manager, Journals Production (Biological Sciences): Helen Bond

Production Editor: Jessica Mitzanagian

Production Controller: Andrew Lee

TypeSet in Europe by the Alden Group, Oxford. Printed by Latimer Trend & Company Limited, Plymouth. Cover design by Andrew Watts.

The August issue will be a Discussion Meeting Issue, entitled Genetic variation and human health which will include, among others, the following papers:

Homoeostatic T cell proliferation as a barrier to T cell tolerance

S. P. Hickman & L. A. Turka

Giall grafting for demyelinating disease

V. Teipelacho & W. F. Blakemore

Bone marrow transplantation and approaches to avoid graft-versus-host disease (GVHD)

B. R. Blazar & W. J. Murphy

CAMPATH: from concept to clinic

H. Waldmann & G. Hale

Induction of transplantation tolerance in non-human primate preclinical models

D. A. Hale, K. Dharadda, D. Bruno & A. D. Kirk

Lipid rafts and regulation of the cytokinicot during T-cell activation

K. F. Helen

Development of tolerogenic strategies in the clinic

S. J. Knights

Regulation of T cell dependent immune responses by TIM family members

C. Marat, A. Sanchez-Fueyo, J. Kenny, X. Zheing & T. B. Strom

Cell transplantation for diabetes

R. Calle