

# • international immunology

april 2008 volume 20 number 4

---

## Contents

- 461** Sulfates are main targets of immune responses to cruzipain and are involved in heart damage in BALB/c immunized mice  
*D. M. Acosta, M. R. Arnaiz, M. I. Esteva, M. Barboza, D. Stivale, U. D. Orlando, S. Torres, S. A. Laucella, A. S. Couto and V. G. Duschak*
- 471** CTLA-4-Ig converts naive CD4<sup>+</sup>CD25<sup>-</sup> T cells into CD4<sup>+</sup>CD25<sup>+</sup> regulatory T cells  
*M. Razmara, B. Hilliard, A. K. Ziarani, Y. H. Chen and M. L. Tykocinski*
- 485** **Featured article of the month.** Dual role of Cbl links critical events in BCR endocytosis  
*M. Jacob, L. Todd, M. F. Sampson and E. Puré*
- 499** PI3K is a negative regulator of IgE production  
*T. Doi, K. Obayashi, T. Kadowaki, H. Fujii and S. Koyasu*
- 509** Implication for the CD94/NKG2A-Qa-1 system in the generation and function of ocular-induced splenic CD8<sup>+</sup> regulatory T cells  
*S. Chattopadhyay, J. O'Rourke and R. E. Cone*
- 517** Pervasive and stochastic changes in the TCR repertoire of regulatory T-cell-deficient mice  
*L. Zheng, R. Sharma, J. T. Kung, U. S. Deshmukh, W. N. Jarjour, S. M. Fu and S.-T. Ju*
- 525** Generation of tumour-rejecting anti-carbohydrate monoclonal antibodies using melanoma modified with Fas ligand  
*A. K. Simon, T. Newsom-Davis, M. E. F. Frayne, P. F.-T. Ch'en, A. J. McMichael and G. R. Screaton*
- 535** Circulating neutrophils of septic patients constitutively express IL-10R1 and are promptly responsive to IL-10  
*N. Tamassia, F. Calzetti, N. Menestrina, M. Rossato, F. Bazzoni, L. Gottin and M. A. Cassatella*
- 543** Evaluation of the effect of human  $\beta$ -defensins on neutrophil apoptosis  
*I. Nagaoka, F. Niyonsaba, Y. Tsutsumi-Ishii, H. Tamura and M. Hirata*
- 555** KIR2DS1-mediated activation overrides NKG2A-mediated inhibition in HLA-C C2-negative individuals  
*B. Foley, D. De Santis, L. Lathbury, F. Christiansen and C. Witt*
- 565** Methylprednisolone induces preferential and rapid differentiation of CD34<sup>+</sup> cord blood precursors toward NK cells  
*C. Vitale, F. Cottalasso, E. Montaldo, L. Moretta and M. C. Mingari*
- 577** CD4<sup>+</sup>ICOS<sup>+</sup> T lymphocytes inhibit T cell activation 'in vitro' and attenuate autoimmune encephalitis 'in vivo'  
*J. M. Rojo, E. Pini, G. Ojeda, R. Bello, C. Dong, R. A. Flavell, U. Dianzani and P. Portolés*



OXFORD JOURNALS  
OXFORD UNIVERSITY PRESS

---

Please visit the journal's World Wide Web site at <http://www.intimm.oxfordjournals.org>

- 591 Differential influence of the tumour-specific non-human sialic acid containing GM3 ganglioside on CD4<sup>+</sup>CD25<sup>-</sup> effector and naturally occurring CD4<sup>+</sup>CD25<sup>+</sup> regulatory T cells function  
*J. de León, A. Fernández, M. Clavell, M. Labrada, Y. Bebelagua, C. Mesa and L. E. Fernández*
- 601 Anti-HLA-DR-triggered monocytes mediate *in vitro* T cell anergy  
*M. A. Kriegel, S. Adam-Klages, C. Gabler, N. Blank, M. Schiller, C. Scheidig, J. R. Kalden and H.-M. Lorenz*
- 615 Mechanisms of organogenesis of primary lymphoid follicles  
*T. Beyer and M. Meyer-Hermann*
- 625 Application of CD27 as a marker for distinguishing human NK cell subsets  
*A. Silva, D. M. Andrews, A. G. Brooks, M. J. Smyth and Y. Hayakawa*

**Letter to the Editor**

- 631 NK cells and NKT cells collaborate in host protection from methylcholanthrene-induced fibrosarcoma  
*M. J. Smyth*