This Week in Science

Editorial
225 The Need to Improve the Image of Chemistry

Letters

News & Comment
236 Down to the Wire for the NF Gene ■ The First Piece in the NF Puzzle
238 Shuttle Leaks: Good News for Science
239 A Muted Victory for the Biotech Industry
240 NIH Misconduct Probes Draw Legal Complaints ■ A Decade of Discussion ■ Immunity in Return for Due Process
242 Hubble: It Could Have Been Worse
243 Eco-Quandary: What Killed the Skuas?

Research News
246 Taming Rogue Immune Reactions
249 NASA's Search for ETs Hits a Snag on Earth
250 Science Digests the Secrets of Voracious Killer Snails

Articles
253 Adaptive Optics Revisited: H. W. Babcock

Reports
269 Theoretical and Experimental Rate Constants for Two Isotopic Modifications of the Reaction H + H2: J. V. Michael, J. R. Fisher, J. M. Bowman, Q. Sun
274 Transmembrane Helical Interactions and the Assembly of the T Cell Receptor Complex: N. Manolios, J. S. Bonifacino, R. D. Klausner
277 The Structure of a Complex of Recombinant Hirudin and Human $\alpha$-Thrombin: T. J. Rydel, K. G. Ravichandran, A. Tulinsky, W. Bode, R. Huber, C. Rottsch, J. W. Fenton II

280 Calcium-Induced Peptide Association to Form an Intact Protein Domain: $^3$H NMR Structural Evidence: G. S. Shaw, R. S. Hodges, B. D. Sykes


291 Genetic Differences in the Ethanol Sensitivity of GABA$_A$ Receptors Expressed in Xenopus Oocytes: K. A. Wafford, D. M. Burnett, T. V. Dunwiddie, R. A. Harris

293 MHC-Linked Protection from Diabetes Dissociated from Clonal Deletion of T Cells: J. Böhme, B. Schuhbaur, O. Kanagawa, C. Benoist, D. Mathis

296 Stimulation of Phospholipase C-γ1 Membrane Association by Epidermal Growth Factor: G. Todderud, M. I. Wahl, S. G. Rhee, G. Carpenter

298 Angiotensin II-Induced Calcium Mobilization in Oocytes by Signal Transfer Through Gap Junctions: K. Sandberg, M. Bor, H. Ji, A. Markwick, M. A. Millan, K. J. Catt

Technical Comments

302 Structure of Human Serum Albumin: D. C. Carter and X.-M. He $\bullet$ Deprenyl and the Progression of Parkinson's Disease: A. J. Friedhoff; L. Sudarsky; J. W. Tetrud and J. W. Langston

Book Reviews

305 The Sanitarians, reviewed by E. Fee $\bullet$ Langmuir-Blodgett Films, J. D. Swalen $\bullet$ Evolutionary Dynamics of a Natural Population, R. Holt $\bullet$ Storm and Cloud Dynamics, H. D. Orville $\bullet$ Books Received

Products & Materials

310 Apparatus for Petri Dish Sample Processing $\bullet$ Chromatography Workstation $\bullet$ Cooled Low-Light Camera $\bullet$ Spatial Data Software $\bullet$ Gel Documentation System $\bullet$ Computing Densitometers $\bullet$ Reversible Stain for Gels $\bullet$ Literature
249 (4966)

Science 249 (4966), 223-310.