1021 This Week in Science

1023 Frontiers in Immunology

Letters

1025 Recombinant DNA Release: European Regulation: F. E. Young and H. I. Miller; D. Dickson ■ China's Population Program: Z. Zhao; S. Greenhagh and J. Bongaarts ■ Newton Gravitational Constant: M. Zumberge and R. Parker; A. T. Hsui ■ Big League Botany: S. G. Sheftel; M. Sun; T. M. Barkley

News & Comment

1028 Radiation Accident Grips Goiânia
1031 New Data Clinch Heart Drug Approval
1032 Japanese Scientific and Technological Literature Information: The Demand in the U.S. Remains Low
1034 Fresh Troops for President's AIDS Panel Europe Votes to Expand Space Program
1035 U.S.S.R. Eyes Role in U.S. Compact Tokamak Ignition Experiment
1036 Another Muzzle for AIDS Education? Soviet Physicists Map Collider Strategy
1037 Uncertainties Over University of Chile

Research News

1038 Supernova 1987A on Center Stage
1041 Alzheimer's Drug Trial Put on Hold

Articles

Frontiers in Biology: Immunology

1073 The T Cell Receptor: P. Marrack and J. Kappler
1088 Evolutionary and Somatic Selection of the Antibody Repertoire in the Mouse: K. Rajewsky, I. Forster, A. Cumano
1094 The Chicken B Cell Compartment: J.-C. Weill and C.-A. Reinaud
1098 Redesigning Nature's Poisons to Create Anti-Tumor Reagents: E. S. Vitetta, R. J. Fulton, R. D. May, M. Till, J. W. Uhr

Research Articles


Reports

1112 Stop-Transfer Regions Do Not Halt Translocation of Proteins into Chloroplasts: T. H. Lubben, J. Bansberg, K. Keegstra
A human eosinophil (upper right) is adhering to the surface of a larval schistosome that was coated with antibodies from patients suffering from schistosomiasis. The cell membrane is broken and granules are spilling from the cell (>×1,100). See page 1065. [Courtesy of John P. Caulfield, Brigham and Women's Hospital, Harvard Medical School, Boston, MA 02115]

1114 Rat Brain N-Methyl-d-Aspartate Receptors Expressed in Xenopus Oocytes: T. A. Verdoorn, N. W. Kleckner, R. Dingledine

1116 Autoimmune Epitope Defined as the Anticodon Region of Alanine Transfer RNA: C. C. Bunn and M. B. Mathews


1122 Nerve Terminal Remodeling Visualized in Living Mice by Repeated Examination of the Same Neuron: D. Purves, J. T. Voyvodic, L. Magrassi, H. Yawo

1126 A New Prostatostatin-Derived Peptide Reveals a Pattern for Prohormone Cleavage at Monobasic Sites: R. Benoit, N. Ling, F. Esch


1134 Two Pairs of Recombination Signals Are Sufficient to Cause Immunoglobulin V-(D)-J Joining: S. Akira, K. Ōkazaki, H. Sakanō


1142 A Syntactic Vesicle Protein with a Novel Cytoplasmic Domain and Four Transmembrane Regions: T. C. Südhof, E. Lottspeich, P. Greenberg, E. Mehl, R. Jahn


**AAAS Meetings**

1147 1988 AAAS Annual Meeting: Seminars ■ Advance Registration and Housing Registration Forms

Meetings

1150 Gordon Research Conferences: 1988 Schedule

Book Reviews

1152 The Social Construction of Technological Systems, reviewed by C. S. Fischer ■ Fossil Invertebrates, D. Jablonski ■ Women of Mathematics, R. E. Rider ■ Some Other Books of Interest ■ Books Received

Products & Materials

1166 Carbon Dioxide Incubator ■ λ DNA Clone Mapping System ■ Chromatography Workstation ■ Data Communications Hardware ■ Serum-Free Medium for CHO Cells ■ Gel-Casting Apparatus ■ Stain for Electrophoresis ■ Literature