This Week in Science

265 Academic-Industrial Interactions

267 The Protein Folding Problem: T. E. Creighton


271 Breakthrough for Education at NSF?

273 Test Ban Test Back on Track

274 Voodoo Science

277 Japanese Views on Science Compare to U.S. Attitudes

278 Editorial Changes for Einstein Papers

279 Briefing: Nobel Prizes Go Up ■ More NAE News Members ■ Duesberg Gets His Day in Court ■ Telescope Builder Lured Back to Europe

Research News

280 Superconductivity: The FAX Factor

282 Race for Cystic Fibrosis Gene Nears End

286 Hypercube Breaks a Programming Barrier

Articles

287 Adaptability of the U.S. Industrial Relations System: T. A. Kochan

293 The Greenhouse Theory of Climate Change: A Test by an Inadvertent Global Experiment: V. Ramanathan

300 Action at a Distance Along a DNA: J. C. Wang and G. N. Giaever

Research Articles

305 Tryptophan-Requiring Mutants of the Plant Arabidopsis thaliana: R. L. Last and G. R. Fink

Reports

COVER  Auxotrophic trp1-1 mutants of Arabidopsis thaliana, blocked in anthranilate phosphoribosyl transferase, are fluorescent under ultraviolet light due to accumulation of intermediates in the pathway of tryptophan biosynthesis. The middle column of fluorescent mutant plants is surrounded by larger, nonfluorescent wild-type A. thaliana plants. See page 305. [Robert L. Last, Whitehead Institute for Biomedical Research, Cambridge, MA 02142]


317 Yeast HAP2 and HAP3: Transcriptional Activators in a Heteromeric Complex: S. Hahn and L. Guarente

321 Interleukin-1 Immunoreactive Innervation of the Human Hypothalamus: C. D. Breder, C. A. Dinarello, C. B. Saper

324 Molecular Cloning of Human and Rat Complementary DNA Encoding Androgen Receptors: C. Chang, J. Kokontis, S. Liao


330 Functional Expression of a New Pharmacological Subtype of Brain Nicotinic Acetylcholine Receptor: K. Wada, M. Ballivet, J. Boulot, J. Connolly, E. Wada, E. S. Deneris, L. W. Swanson, S. Heinemann, J. Patrick

334 Exon-Intron Organization in Genes of Earthworm and Vertebrate Globins: S. M. Jhiang, J. R. Garby, A. F. Rigg


338 Increased Attention Enhances Both Behavioral and Neuronal Performance: H. Spitzer, R. Desimone, J. Moran

Book Reviews

341 Historical Studies in the Physical Sciences, vol. 8, part 1, reviewed by K. Hufnauer

345 Monoclonal Antibody Purifier, Planar Liquid Chromatography, Stability-Variance Software, Densitometer, Biocompatible Chromatograph, Laboratory Application Language, DNA Synthesizer, Literature

Products & Materials

15 April 1988