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Reviews

Macrophage inflammatory proteins 1 and 2: members of a novel superfamily of cytokines. S. D. Wolpe and A. Cerami

Bacterial adaption to oxidative stress: implications for pathogenesis and interaction with phagocytic cells. D. J. Hassett and M. S. Cohen


Animal models of AIDS. M. B. Gardner and P. A. Luciu

Molecular and genetic immunoprobes for biotechnology. E. C. de Macario

COVER: Single reticular neuron in red (from Mitiani et al.) linking drawings of the waking brain (bottom right) and the sleeping brain. Photographic postierization by Douglas Nicotera, from Tnuid de l'Homme (1664) by Rene Descartes. See Lydic, page 2457.

Research Communications

Antagonism by glucocorticoids and exercise on expression of glutamine synthetase in skeletal muscle. M. T. Falduto, R. C. Hickson, and A. P. Young


Recycling of tumor necrosis factor-α receptor in MCF-7 cells. S. Vuk-Pavlovic, and K. S. Kovach

Dental silver tooth fillings: a source of mercury exposure revealed by whole-body image scan and tissue analysis. L. J. Hahn, R. Kloiber, M. J. Vimy, Y. Takahashi, and F. L. Lorscheider

Cytotoxic activities of a fusion protein comprised of TGFα and pseudomonas exotoxin. C. B. Siegall, Y.-H. Xu, V. K. Chaudhary, S. Adhya, D. FitzGerald, and I. Pastan

Regulation of goblet cell differentiation by calcium in embryonic chick intestine. B. L. Black and J. E. Smith


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The Journal of Nutritional Biochemistry

Editor-in-Chief Steven H. Zeisel, M.D., Ph.D., Boston University School of Medicine

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Purpose:
Classical nutrition, which focuses upon chemicals that are part of the diet, has traditionally overlapped with other fields. Nutrition science has matured during the last decades, and investigations have become increasingly more sophisticated. At the same time, academic biochemistry has evolved in such a way that emphasis increasingly has been placed upon the study of subcellular biology, at the expense of the study of whole animal biochemistry, metabolism, and the relationships between nutrients and pharmacologic or toxicologic agents.

Scope:
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NOVEMBER 1989
14-17 Mammalian Cell Culture Workshop, Penn State Biotechnology Institute and Bioprocessing Resource Center, University Park, Pennsylvania, USA. Jim Shillenn, 519 Wartik Lab., University Park, PA 16802, USA.

DECEMBER 1989
17-22 International Chemical Congress of Pacific Basin Societies, Honolulu, Hawaii, USA. Office of Meetings and Expositions, 1155 16th St. NW, Washington, DC 20036, USA.

20 International Symposium on Terminology of Biotechnology: A Multidisciplinary Problem, Sheraton Waikiki, Honolulu, Hawaii, USA. Dr. Kurt Leoning, Chemical Abstracts Service, P.O. Box 3012, Columbus, Ohio 43210, USA.

FEBRUARY 1990
2-4 American College of Clinical Pharmacology Review Course on Drug Therapy for the 90's, Colony Beach Resort, Longboat Key, Sarasota, Florida, USA. Thelma Bassett, U. of Miami Sch. of Med., Div. of Clinical Pharmacology, Dept. of Med., Center for Advanced Therapeutics and Clinical Research, P.O. Box 015996, Miami, FL 33101, USA.

26 Feb. UNESCO/ICRO International

27 Feb. Bioseparations: Scale-Up and Design Workshop, Penn State Biotechnology Institute and Bioprocessing Resource Center, University Park, Pennsylvania, USA. Jim Shillenn, 519 Wartik Lab., University Park, PA 16802, USA.

28 Feb. Theodore S. Zimmerman Memorial

MARCH 1990
4 Hans Popper Hepatopathology Society Symposium on Liver Development, Growth and Transformation, Boston Sheraton, Boston, Massachusetts, USA. Dr. Michael A. Gerber, Dept. of Pathology, Tulane U. Sch. of Med., 1430 Tulane Ave., New Orleans, LA 70112, USA.

4-18 UNESCO/ICRO Training Course on Plant Biochemistry and Cell Biology, Nagoya, Japan. Dr. Hidemi Sato, Research Inst. for Biochemical Regulation, Sch. of Agriculture, Nagoya U., Chikusa, Nagoya 464-01, Japan.


20-23 Fermentation Methods and Scale-Up Strategies Workshop, Penn State Biotechnology Institute and Bioprocessing Resource Center, University Park, Pennsylvania, USA. Jim Shillenn, 519 Wartik Lab., University Park, PA 16802, USA.

20-25 31st Annual Drosophila Conference, Airlamar Conference Center, Pacific Grove, California, USA. Ms. Jean Francesc, Genetics Society of America, 9650 Rockville Pike, Bethesda, MD 20814, USA.

APRIL 1990


23-25 Tuberous Sclerosis and Allied Disorders, Hyatt Regency, Bethesda, Maryland, USA. Conference Dept., New York Academy of Sciences, 2 E. 63rd St., New York, NY 10021, USA.

24-27 Bioreactors for Cell Culture Workshop, Penn State Biotechnology Institute and Bioprocessing Resource Center, University Park, Pennsylvania, USA. Jim Shillenn, 519 Wartik Lab., University Park, PA 16802, USA.

MAY 1990
15-18 Mammalian Cell Culture Methods Workshop, Penn State Biotechnology Institute and Bioprocessing Resource Center, University Park, Pennsylvania, USA. Jim Shillenn, 519 Wartik Lab., University Park, PA 16802, USA.


JULY 1990

1-6 FC Receptors and Immunoglobulin Binding Factors, FASEB Summer Research Conferences, Copper Mountain, Colorado, USA. Dr. Robert W. Krauss, Executive Director, FASEB Summer Research Conferences, 9650 Rockville Pike, Bethesda, MD 20814, USA.

1-6 Biology of Tumor Metastases, FASEB Summer Research Conferences, Saxtons River, Vermont, USA. Dr. Robert W. Krauss, Executive Director, FASEB Summer Research Conferences, 9650 Rockville Pike, Bethesda, MD 20814, USA.

5-8 Bioseparations: Scale-up and Design Workshop, Penn State Biotechnology Institute and Bioprocessing Resource Center, University Park, Pennsylvania, USA. Jim Shillenn, 519 Water Lab, University Park, PA 16802, USA.

5-12 Neural Mechanisms in Cardiovascular Regulation, FASEB Summer Research Conferences, Saxtons River, Vermont, USA. Dr. Robert W. Krauss, Executive Director, FASEB Summer Research Conferences, 9650 Rockville Pike, Bethesda, MD 20814, USA.

10-15 Retinoids, FASEB Summer Research Conferences, Saxtons River, Vermont, USA. Dr. Robert W. Krauss, Executive Director, FASEB Summer Research Conferences, 9650 Rockville Pike, Bethesda, MD 20814, USA.

17-22 Third International Colloquium on Centrifugal Partition Chromatography, Dunley's Hotel, San Mateo, California, USA. Ms. Eleanor Cazes, Sanki Labs., Inc., 106 Folcroft E. Business Park, Sharon Hill, PA 19079, USA.

21-22 Viral Assembly, FASEB Summer Research Conferences, Saxtons River, Vermont, USA. Dr. Robert W. Krauss, Executive Director, FASEB Summer Research Conferences, 9650 Rockville Pike, Bethesda, MD 20814, USA.

24-29 Protein Folding and Assembly in the Cell, FASEB Summer Research Conferences, Copper Mountain, Colorado, USA. Dr. Robert W. Krauss, Executive Director, FASEB Summer Research Conferences, 9650 Rockville Pike, Bethesda, MD 20814, USA.

AUGUST 1990

5-10 Protein Phosphatases, FASEB Summer Research Conferences, Copper Mountain, Colorado, USA. Dr. Robert W. Krauss, Executive Director, FASEB Summer Research Conferences, 9650 Rockville Pike, Bethesda, MD 20814, USA.

18-21 59th Annual Meeting of the Genetics Society of America, San Francisco Hilton, San Francisco, California, USA. Ms. Jean Frances, Genetics Society of America, 9650 Rockville Pike, Bethesda, MD 20814, USA.
12-17 Cellular and Molecular Genetics, FASEB Summer Research Conferences, Copper Mountain, Colorado, USA. Dr. Robert W. Krauss, Executive Director, FASEB Summer Research Conferences, 9650 Rockville Pike, Bethesda, MD 20814, USA.

12-17 Intestinal Lipid Absorption, Metabolism, and Transport, FASEB Summer Research Conferences, Saxtons River, Vermont, USA. Dr. Robert W. Krauss, Executive Director, FASEB Summer Research Conferences, 9650 Rockville Pike, Bethesda, MD 20814, USA.

24-26 Interdivisional Meeting of the International Union of Microbiological Societies, International Congress Center, Berlin, FRG. DER-Congress, Congress Organization, Augsburger Strasse 27, D-1000 Berlin 30, FRG.


29 Aug. Eleventh International Symposium on Biotelemetry, Yokohama International Conference Center, Yokohama, Japan. Secretariat, Dr. Akihiko Uchiyama, Sch. of Science and Engineering, Waseda U., 3-4-1 Ohkubo, Shinjuku-ku, Tokyo 169, Japan.

SEPTEMBER 1990
18-21 Bioreactors for Cell Culture Workshop, Penn State Biotechnology Institute and Bioprocessing Resource Center, University Park, Pennsylvania, USA. Jim Shillenn, 519 Wartik Lab., University Park, PA 16802, USA.

OCTOBER 1990
2-5 Fermentation Methods and Scale-up Strategies Workshop, Penn State Biotechnology Institute and Bioprocessing Resource Center, University Park, Pennsylvania, USA. Jim Shillenn, 519 Wartik Lab., University Park, PA 16802, USA.

DECEMBER 1990
5-7 8th Symposium of the Federation of Asian and Oceanian Biochemists, Dhaka, Bangladesh. Secretariat, 8th FAOB Symposium, Bangladesh Biochemical Society. P.O. Box 4225, Dhaka 1000, Bangladesh.

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AUGUST 1991
4-9 15th International Congress of Biochemistry, National Convention Center, Jerusalem, Israel. 15th IUB Congress, Kenes Ltd., P.O. Box 50006, Tel Aviv 61500, Israel.


