

Latest books, papers on biotechnology

To aid JAOCS readers seeking to keep up to date on meetings involving biotechnology's potential effect on fats, oils and related materials, as well as recent publications and patents on that biotechnology, JAOCS Associate Editor for News James Rattray has prepared this listing. An earlier listing appeared in the May 1989 JAOCS.

Conferences, meetings

- BODL Advanced Course in Downstream Processing, Jan. 8-12, 1990, Delft, The Netherlands. Information: Foundation for Biotechnology, Julianalaan 67, 2628BC Delft, The Netherlands.
- 6th International Symposium on Separation Science and Biotechnology, Jan. 16-18, 1990, Fort Lauderdale, Florida. Information: Janet Cunningham, Barr Enterprises, P.O. Box 279, Walkersville, MD 21793.
- Fermentation Technologies—Industrial Applications, Feb. 12-15, 1990, Palmerston North, New Zealand. Information: Conference Director, Biotechnology Dept., Massey University, Palmerston North, New Zealand.
- 2nd International Symposium on Biochemical Engineering, March 5-7, 1990, Stuttgart, West Germany. Information: W. Waldruff, Zsp., Bioverfahrenstechnik Koordinationstelle, Universität Stuttgart, Pfaffenwaldring 9, D-7000 Stuttgart, West Germany.
- Protein Purification and Biochemical Engineering, March 19-25, 1990, Lake Tahoe, California. Information: UCLA Symposium, 2032 Armacost Ave., Los Angeles, CA 90025.
- SCI Biotechnology Group—Opportunities in Biotransformations, April 3-5, 1990, Cambridge, England. Information: SCI, 14 Belgrave Sq., London SW1X 8PS, England.
- Molecular Strategies for Crop Improvement, April 16-22, 1990, Keystone, Colorado. Information: UCLA Symposium, 2032 Armacost Ave., Los Angeles, CA 90025.
- Asia-Pacific Biochemical Engineering Conference '90, April 16-22, 1990, Seoul, Korea. Information: APBioChEc '90 Secretariat, c/o Prof. Ho Nam Chang, Department of Chemical Engineering, KAIST, P.O. Box 131, Cheongryang, Seoul 130-650, South Korea.
- 7th International Congress on Plant Tissue and Cell Culture, June 24-29, 1990, Amsterdam, The Netherlands. Information: Congress Secretariat, c/o Prof. Ho Nam Chang, Department of Chemical Engineering, KAIST, P.O. Box 131, Cheongryang, Seoul 130-650, Korea.
- Molecular Enzyme Engineering: Recovery and Purification of Bioproducts, July 3-7, 1990, Lisbon, Portugal. Information: J.M. Novais, Instituto Superior Tecnico, 1000 Lisboa, Portugal.
- 6th International Symposium, Genetics of Industrial Microorganisms, Aug. 12-18, 1990, Strasbourg, France.

Books

- The Impact of Chemistry on Biotechnology*, ACS Symposium Series 362, edited by M. Phillips, S.P. Shoemaker, R.D. Middlekauff and R.M. Ottenbrite, American Chemical Society, Washington, 1988.
- Hazards of Biotechnology: Real or Imaginary*, edited by A.D. Dayan, P.N. Campbell and T.H. Jukes, Elsevier Science, Amsterdam and New York, 1988.
- Genetic Engineering and Biotechnology Yearbook: North America and Japan Edition 1988/89, Vol. 1 and 2*, edited by A.G. Watson and S.K. Hammer, Elsevier Science, Amsterdam and New York, 1988.
- Novel Microbial Products for Medicine and Agriculture*, edited by A. Demain, G. Somkuti, J.

- Hunter-Cevera and H.W. Rossmore, Elsevier Science, Amsterdam and New York, 1989.
- Single Cell Oil*, edited by R.S. Moreton, John Wiley & Sons, Somerset, N.J., 1988.
- Microbial Lipids, Vol. 2*, edited by C. Ratledge and S.G. Wilkinson, Academic Press, Harcourt Brace Jovanovich, London and San Diego, 1989.
- Cell Culture and Somatic Cell Genetics of Plants, Vol.6* edited by I.K. Vasil, Academic Press, Harcourt Brace Jovanovich, London and San Diego, 1989.
- Yeast: Biotechnology and Biocatalysis*, edited by H. Verachtert and R. Demot, Marcel Dekker, New York, 1989.
- Biocatalysis in Agricultural Biotechnology, ACS Symposium Series 389*, edited by J.R. Whitaker and P.E. Sonnet, American Chemical Society, Washington, 1989.

Report

- Impact of Biotechnology on the Oil and Fats Industry 1988*, Hewin International Inc. Van Leyenberghlaan 159, P.O. Box 7813, 1008 AA Amsterdam, The Netherlands.

Journals

- Lipid Technology* (Information: Lipid Technology, Box 345, High Wycombe, Bucks., HP 10 9BA, England.)
- Bioconjugate Chemistry* (Information: American Chemical Society, 1155 16th St. N.W., Washington, D.C. 20036.)
- Biotechnology Progress* (Information: American Chemical Society, 1155 16th St. N.W., Washington, D.C. 20036.)

Journal articles

- Berezhnaya, G.A., I.P. Eliseev, V.D. Tsydendambaev and A.G. Vereshchagin, *Appl. Biochem. Microbiol.* 24:471 (1989), Fatty Acid Composition and Quantitative

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- Lipid Content in Sea Buckthorn Fruit.
- Ozerina, O.V., G.A. Berezhnaya, I.P. Eliseev and A.G. Vereschagin, *Appl. Biochem. Microbiol.* 24:350 (1988), Composition and Structure of Triacylglycerols from the Sea Buckthorn Mesocarp.
- Abraham, V., L. George and V. Srinivasan, *Curr. Sci.* 57:1019 (1988), Seed Yield and Oil Content of Mustard Somaclones (*Brassica juncea* Linn., Czern and Coss.).
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- Parr, A.J., *J. Biotechnol.* 10:1 (1989), The Production of Secondary Metabolites by Plant Cell Cultures (a review).
- Tuominen, U., L. Toivonen, V. Kauppinen, P. Markkanen and L. Björk, *Biotechnol. Bioengin.* 33:558 (1989), Studies on Growth and Cardenolide Production of *Digitalis lanata* Tissue Cultures.
- Batley, J.F., K.M. Schmid and J.B. Ohlrogge, *Trends Biotechnol.* 7:122 (1989), Genetic Engineering for Plant Oils: Potential and Limitations.
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- Sattur, A.P., and N.G. Karanth, *Biotechnol. Bioengin.* 34:872 (1989), Production of Microbial Lipids III. Influence of C/N Ratio-Experimental Observations.
- Konova, I.V., Yu. A. Sultanovich, O.I. Pan'kina and L.M. Rudakova, *Appl. Biochem. Microbiol.* 24:451 (1989), Unsaturation of Lipids of *Cunninghamella japonicus* in Association with Physiological Features of Fungal Development.
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AN AOCS BOOK

Flavor Chemistry of Lipid Foods

Edited by Dr. David B. Min,
The Ohio State University,
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