

Reports from Commissions and Division Committees

Commission on Food—VI.5

Summary of Minutes of Commission Meeting at Warsaw, Poland, 7 October 2000

The outcomes of the meeting of the Division of Chemistry and the Environment held in Tel Aviv, Israel, 4–6 June 2000 were discussed, in particular in relation to the impact on future activities in food chemistry.

Working Group Activities

Fats, Oils, and Derivatives

- “Lexicon for lipid nutrition” (Project No. 660/42/90): to be published by IUPAC in PAC in 2001
- “Replacement of toxic chemicals in IUPAC standard methods” (Project No. 660/47/93): A draft report is on the IUPAC web site, and the project is closed.
- “Determination of phosphorus in edible oils by spectrophotometry” (Project No. 660/48/93): to be completed shortly and published in the next revision of the *IUPAC Green Book*
- “Determination of oxidized triacylglycerols” (Project No. 660/51/93): completed and published in *PAC* (Vol. 72, No. 8, pp. 1563–1575, 2000)
- Fats, Oils, and Oilseeds Analysis Workshop: held 21–22 November 2000 in Rio de Janeiro, Brazil
- 8th edition of *Standard Methods for the Analysis of Oils, Fats, and Derivatives*: The 7th edition will be corrected and prepared for publication.
- Validation of Inductively Coupled Plasma (ICP) Methods for Metals in Oils, Especially Heavy Metals (Cd, Ni, Pb, Hg, and Al): to be completed in collaboration with the American Oil Chemists Society (AOCS)
- Development of training courses in lipids: to be carried out in collaboration with AOCS

Food Chemistry

Mycotoxins

- IUPAC Electronic Bulletin Board for Mycotoxins (Project No. 650/85/95): recommended to be continued
- The 10th International IUPAC Symposium on Mycotoxins and Phycotoxins (Project No. 650/91/970) was held 21–25 May 2000 in Guarujá, Brazil (see report in *CI*, Vol. 22, No. 5, p. 140). Proceedings of this symposium are to be published as a book.
- “Collaborative study of the determination of aflatoxin M₁ in milk combining immunoaffinity cleanup and thin layer chromatography” (Project No. 650/

94/97): coordinated with the International Atomic Energy Agency (IAEA) and the International Dairy Federation (IDF) and scheduled to be completed within the next six months

- “Identification of major sources of ochratoxin A (OA) intake through the analysis of OA in human serum” (Project No. 650/95/98): scheduled to be completed by July 2001
- “Mycotoxin methods for developing countries” (Project No. 650/95/98): scheduled to be completed by November 2001
- The 11th International Symposium on Mycotoxins and Phycotoxins: planned to be held in 2003 in College Park, Maryland, USA

Halogenated Hydrocarbons

- “Collaborative study on novel and conventional extraction procedures for the determination of toxicologically relevant PCBG congeners in fish” (Project No. 650/90/97): Final report has been prepared, and the project is complete.

Aquatic Biotoxins

- Aquatic biotoxin nomenclature: A new project for the development of a report on aquatic biotoxin nomenclature was proposed.

CHEMRAWN Conference on Chemistry in Food Safety and Food Security

- Planned to be held in 2002 in Montevideo, Uruguay

General Discussion

In discussion of how the activities of the Commission could continue after the Commissions are dissolved in 2001, it was agreed that it was unlikely that projects would be submitted to IUPAC without being solicited and that there is minimal mutual interest in foods-related projects in the Division of Chemistry and the Environment (VI). The Commission concluded that IUPAC would most likely lose a significant opportunity to play an important role in this area, given the increasing recognition of the importance of food safety and food composition by the World Health Organization, Codex, and other international organizations.

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