

ANNOUNCEMENTS

ANNUAL CONGRESS OF THE FEDERATION INTERNATIONALE PHARMACEUTIQUE

The Division of Social and Administrative Pharmacy of the *Federation Internationale Pharmaceutique* invites abstracts for papers to be presented during the *1981 Annual Congress* to be held in *Vienna, 7–11 September 1981*. 300–400 word abstracts are due on 1 April 1981 and these should cover social, behavioral or administrative aspects of the drug use process and therapeutics.

Further information and abstract forms are available from:

Dr. Albert Wertheimer,
Social Pharmacy Dept.,
College of Pharmacy,
University of Minnesota,
Minneapolis, MN 55455,
U.S.A.

Dr. Douwe Breimer,
Subfaculty of Pharmacy
University of Leiden,
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23RA Leiden,
The Netherlands.

2nd INTERNATIONAL SEMINAR ON EFFECTIVE PHARMACEUTICAL MARKETING

The *2nd International Seminar on Effective Pharmaceutical Marketing* will be held from *30th March to 2nd April 1981* in *The Hotel Meridien, 81 Blvd. Gouvion-Saint-Cyr, 75107 Paris, France*. The seminar is designed for managers in pharmaceutical companies, its aim being to teach pharmaceutical marketers how to identify, avoid and overcome the major pharmaceutical marketing mistakes. The seminar language is to be English and the costs excluding hotel expenses are Dutch Guilders 3000.

For reservations and additional information contact:

Mr. F.L. Helbig, Managing Director,
Medical Marketing Seminars,
P.O. Box 436,
3700 AK Zeist,
The Netherlands.
(03404) 52104 Telex 70200

COURSES FROM THE CENTER FOR PROFESSIONAL ADVANCEMENT

The *Center for Professional Advancement*, America's largest private academic institution offering technical information on a professional level, is presenting its *first series of*

1981 European offerings of highly intensive, pragmatic 3–5 day courses in Pharmaceutical Technology. The first group of courses to be offered in Europe during 1981 is designed for those involved in the pharmaceutical and allied industries. The courses are scheduled to be held in *Amsterdam and Geneva* and will be:

- (i) Good manufacturing practices for pharmaceutical allied industries – 1–13 February 1981;
- (ii) Lyophilization technology; theoretical basis and practical applications of freeze-drying – 30 March–2 April 1981;
- (iii) Industrial and applied microbiology and acute toxicity – 31 March–3 April 1981;
- (iv) Sterile products technology – 6–8 April 1981;
- (v) Particulate matter monitoring workshop – 9–10 April 1981;
- (vi) Bioavailability of drugs and clinical pharmacokinetics – 6–9 April 1981;
- (vii) Qualification/validation of pharmaceutical processes and systems – 6–10 April 1981;
- (viii) Industrial toxicology – 4–6 May 1981;
- (ix) Inhalation toxicology – 6–8 May 1981;
- (x) Filtrative sterilization – 5–7 May 1981;
- (xi) Emulsion/suspension technology – 18–20 May 1981;
- (xii) Microencapsulation – 20–21 May 1981; and
- (xiii) Distillation: design, operations and control – 2–5 June 1981.

The 1981 curriculum will also include courses in the fields of Chemical and Process Engineering, Electric Power Distribution and Transmission, and Technical Management.

For further information contact:

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1000 GW Amsterdam,
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