

BRITISH PHARMACEUTICAL TECHNOLOGY CONFERENCE

9 - 11 April 1980

The London Tara Hotel, Wrights Lane, London W8 5SR

This second Pharmaceutical Technology Conference, sponsored by The Solid Dosage Research Unit, aims to bring together, in an informal atmosphere industrial and academic scientists concerned with the research, development, manufacture and quality assurance of medicinal products, to enable them to discuss technical areas of common interest.

This second Conference will be concerned mainly with aspects of tableting, though also featured will be particle sizing and the sizing of inhalation aerosols.

The Conference will be divided into a number of sessions. In each session one plenary lecture will be presented by an acknowledged international expert. This will be followed by the presentation of a number of original research papers. Adequate time will be allowed for discussion periods. An informal, convivial atmosphere will be encouraged throughout with the aim of promoting speaker-audience interaction. It is hoped that this event will succeed in encouraging the exchange of ideas and useful information and the making of contacts and friendships.

PLENARY LECTURES:

REFLECTIONS ON BIOAVAILABILITY TRIALS.

Professor John G. Wagner, Upjohn Center for Clinical Pharmacology, The University of Michigan, USA.

PARTICLE SIZING OF SUB-MICROMETRE PARTICLES.

Dr M J Groves, Travenol Laboratories Inc. USA.

**STATUS OF DISSOLUTION RATE MEASUREMENT & THEIR
RELATIONSHIP TO BIOAVAILABILITY.**

Dr J L Kanig, Edward Mendell Co. Inc. USA.

PARTICLE SIZING OF INHALATION AEROSOLS.

P J Davies, School of Pharmacy, Brighton Polytechnic.

RESEARCH PAPERS:**DEVELOPMENT & EVALUATION OF A PROLONGED ACTING DRUG
DELIVERY SYSTEM FOR THE TREATMENT OF GLAUCOMA.**

R Gurny & D Taylor, School of Pharmacy, Geneva.

**THE APPLICATION OF SURFACE ROUGHNESS & PROFILOMETRY
MEASUREMENTS IN SOLID DOSAGE TECHNOLOGY.**

R Rowe, ICI Pharmaceuticals Division, Macclesfield.

CLOFIBRATE MICROCAPSULES: MECHANISM OF RELEASE.

P L Madan, St. John's University, Jamaica, USA.

DISINTEGRATION MECHANISMS OF TABLETS CONTAINING STARCH.

A M Guyot-Hermann & J Ringard, Faculty of Pharmaceutical Sciences, University of Lille and Botta Laboratories Inc., Nanterre, France.

**DEVELOPMENT & EVALUATION OF DISSOLUTION TESTS USING
CLINICAL DATA.**

Rüdiger Gröning, Institute of Galenical Pharmacy, Johann Wolfgang Goethe University, Frankfurt.

**THE INFLUENCE OF COMPRESSION ON THE CAPILLARY MICRO-
STRUCTURE OF TABLETS.**

L Simioni, I Colombo, F Carli, R Bianchini. Farmitalia Carlo Erba, Milan.

**INHALATION AEROSOL SYSTEMS: PRODUCTION OF HOMOGENOUS
DISPERSIONS.**

P J Davies, K K Amin & G A Mott, School of Pharmacy, Brighton Polytechnic.

**STUDIES OF THE EFFECT OF POWDER MOISTURE CONTENT ON
DRUG RELEASE FROM GELATIN CAPSULES.**

Peter York, Industrial Pharmacy Unit, Bradford University.

**APPLICATION OF ANALOGUE COMPUTATIONS TO DISSOLUTION
MODEL DEVELOPMENT.**

C D Herzfeldt, Institute of Galenical Pharmacy, Johann Wolfgang Goethe University, Frankfurt.

**THE APPLICATION OF CLASSICAL MIXING THEORY TO THE
CONTENT UNIFORMITY OF OINTMENTS CONTAINING POTENT DRUGS.**

N A Orr, E A Hill & J P Smith, School of Pharmacy, Sunderland Polytechnic.

**EFFECT OF MIXING ON THE LUBRICATION OF CRYSTALLISED
LACTOSE BY MAGNESIUM STEARATE.**

J Bossert & A Stamm, Faculty of Pharmacy, Strasbourg.

UNIFORMITY OF DELIVERY OF SOME COMMERCIAL INHALATION AEROSOLS.

P J Davies, K K Amin & G A Mott, School of Pharmacy, Brighton Polytechnic.

OPTIMIZATION OF SLOW-RELEASE TABLET FORMULATIONS CONTAINING MONTMORILLONITE.

M R Harris & J W McGinity, Drug Dynamics Institute, University of Texas at Austin, Austin, USA.

A COMPARATIVE EVALUATION OF THE PROPERTIES OF SOME TABLET DISINTEGRANTS.

D Gissinge & A Stamm, Faculty of Pharmacy, Strasbourg.

FORMULATION & EVALUATION OF A NEW DIRECT GRANULATION METHOD FOR COMPRESSED TABLETS.

M H Rubinstein, School of Pharmacy, Liverpool Polytechnic.

DICALCIUM PHOSPHATE-MICROCRYSTALLINE CELLULOSE SYSTEMS IN DIRECT COMPRESSION.

J R Langridge & J I Wells, Beecham Pharmaceuticals, Epsom.

A NEW FILMCOATING METHOD FOR THE PRODUCTION OF ORAL SUSTAINED RELEASE PREPARATIONS.

G Hortobagyi, M Skvorecz-Hajnoczy, I Kolbe, J Dobo, & E Takacs, Gedeon Richter Ltd., and Research Institute for Plastics, Budapest.

THE PREPARATION & PROPERTIES OF TABLETS CONTAINING SOLID DISPERSIONS OF INDOMETHACIN & POLYETHYLENE GLYCOL 6000.

J L Ford, School of Pharmacy, Liverpool Polytechnic.

THE INFLUENCE OF GRANULATING FLUIDS UPON GRANULE PROPERTIES.

C V Walker & J I Wells, Beecham Pharmaceuticals, Epsom.

THE COMPACTION CHARACTERISTICS OF MIXTURES OF MATERIALS.

M Sheikh-Salem & J T Fell, Department of Pharmacy, Manchester University.

DISINTEGRATION FORCE OF TABLETS.

P Colombo, U Conte, C Caramella, A La Manna, P Ringard & A M Guyot-Hermann, Department of Pharmaceutical Chemistry, University of Pavia and Faculty of Pharmacy University of Lille.

ORIENTATION OF DRUGS THROUGH PLANT & ANIMAL GENETIC MACHINERY.

H A Khan, Bangladesh Council of Scientific & Industrial Research, Dacca.

The Conference will be residential and for those delegates requiring it accommodation will be provided in London on the nights of the 8th, 9th and 10th April. The Conference will terminate late afternoon on the 11th April. The Conference fee will be £125 (plus value added tax) and will include full personal participation, lecture notes and pre-prints, all meals including light refreshments, a sherry party and a Conference Banquet, but will not include overnight accommodation.

FURTHER ENQUIRIES:

A registration form and further particulars can be obtained from:

The Conference Secretary,
British Pharmaceutical Technology Conference,
49 Menlove Avenue,
Liverpool L18 2EH.
Telephone (051) 722 9862.