

## ANNOUNCEMENT

### 2ND INTERNATIONAL SYMPOSIUM ON MOLECULAR ASPECTS OF CHEMOTHERAPY

under the auspices of the International Society of Chemotherapy organized by the Committee of Drugs  
Research, Polish Academy of Sciences, and Technical University of Gdańsk

Gdańsk, Poland, 5–8 July 1988

#### *General programme*

The subject matter of the meeting is bioorganic chemistry of inhibition of cell metabolism and function. The meeting is devoted primarily to the problems of control of eukaryotic systems, although novel concepts, approaches and perspectives of high importance concerning the control of Prokaryotes are also invited for presentation. The discussion on recent advances in the research on molecular structures and mechanisms involved in cell inhibition as well as on new methods and approaches, should contribute to further development of rational basis for drug design and lead to new drug prototypes.

#### *Scientific programme*

Seven half-day sessions are scheduled including one plenary lecture, four section lectures and about thirty half-hour lectures presented by invited speakers, world authorities in respective disciplines. At least three poster sessions are also planned. The following sections are planned: Antiviral Chemotherapy, Antitumor Chemotherapy, Antifungal Chemotherapy, General.

The following topics will be covered: structural basis of biological properties of active agents; molecular mechanisms of drug–target interaction (DNA, enzymes and proteins, membranes etc.); molecular mechanisms of selectivity of drug action; new targets and drug prototypes; problems of availability of active molecules at target site (biological transport, metabolic activation and desactivation etc.); recent developments in rational drug design and modifications (approaches and results); recent advances in bioorganic chemistry and mechanisms of immune defence modifying agents and in other “nontoxic approaches.”

The proceedings of the Symposium comprising invited lectures will be published in *Pharmacology and Therapeutics*.

*Organizing committee:* E. Borowski (chairman); D. Shugar, J. Konopa, M Choraży, T. Kulikowski, M. Geller, W. Rode, J. Grzybowska (organizing secretary).

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