

## ANNOUNCEMENT

### IIIrd INTERNATIONAL SYMPOSIUM ON QUANTITATIVE LUMINESCENCE SPECTROMETRY IN BIOMEDICAL SCIENCES

State University of Ghent, Faculty of Pharmaceutical Sciences, Harelbekestraat 72, B-9000-Ghent, Belgium, 23–26 May 1989

This Conference, the third of its kind, to be held at the Faculty of Pharmaceutical Sciences of the State University of Ghent, envisages a report on the current status and future developments in the field of luminescence techniques used in drug quality control, clinical analysis, biochemical, toxicological and environmental analysis and in related areas.

Specific topics include: drug and bioanalysis via fluorescence, laser fluorescence, delayed fluorescence, phosphorescence (LTP, RTP, micellar) and chemiluminescence; chemiluminescence immunoassays; thermochemiluminescence techniques; luminescence detection techniques in chromatography; chemical derivatization methods; the development of fluorogenic reagents; the development of highly specific and sensitive luminescent systems for the determination of macromolecules in biological samples; the use of expert systems in the analysis of luminescence data generated by HPLC; fiber optical sensors in biomedical sciences; biomedical applications of luminescence in micellar and cyclodextrin media; the development of high resolution luminescence methods; use of fluorescence and chemiluminescence labels and substrates; the fluorogenic estimation of enzyme activities; the use of three-dimensional fluorescence spectra; the application of computer-aided fluorescence spectroscopy to the determination of drugs and metabolites.

Outstanding specialists in the field of quantitative luminescence spectrometry will present recent developments through plenary, keynote and invited lectures. Original research papers can be presented as oral (20 min) or poster communications.

A technical exhibition session (instruments, materials, books) will present newest developments in the field of analytical luminescence measuring instruments and an industrial forum will treat highlights in the field of luminescence analysis.

Symposium proceedings will be published in a special issue of *Analytica Chimica Acta* (Elsevier).

#### Information from:

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