

JUNE 1985

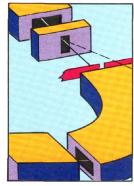
Cover: "Mariana in the Moated Grange" by John Everett Millais. The Makins Collection. Photograph: Courtauld Institute of Art. See INSTRUMENTATION.



REPORT

Tandem mass spectrometry. The application of MS/MS to the determination of trace organic compounds in complex mixtures is described by Jodie Johnson and Richard Yost of the University of Florida

COVER FEATURE



INSTRUMENTATION

Creativity through instrumentation. R. G. Cooks of Purdue University compares the creativity that goes into poetry and art with that involved in the design of scientific instruments

FOCUS

AIDS antibody screening test. Controversy surrounds a new ELISA assay designed to prevent the spread of AIDS through blood transfusions. Direct-recoil technique shows promise for measurement of hydrogen in solid matrices. New analytical service network

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ANCHAM

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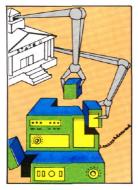
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NEWS

NSF awards eight grants to encourage interdisciplinary research in the development of new instrumentation.

A. Corsini, B. Fisher, and R. Zare are honored for their scientific contributions.

Gordon F. Kirkbright Appeal

A/C INTERFACE

Disks for the laboratory: Part II. Disk backup and archiving, data validation and certification, and data security are discussed by A/C INTERFACE editor Raymond E. Dessy and contributors from Standard Oil, Burroughs Wellcome, Merck, and Laboratory Technologies

BOOKS

820 A

Critical reviews. Books on chemometrics in chromatography and immobilized enzymes are reviewed by L. R. Parker and H. H. Weetall

EDITORIAL

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Lawrence Hallett,
Editor of ANALYTICAL
CHEMISTRY from 1956
to 1966, died on March
10 at the age of 84.
The analytical
community owes much
to him for his outstanding contributions
to developing
ANALYTICAL
CHEMISTRY into a
leading scientific
journal

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