

Bioorganometallic Chemistry and Mechanisms

EDITORIAL

- 89 *J. Furrer*
- 92 Mechanistic Insights into Gold Organometallic Compounds
and their Biomedical Applications
*S. Jürgens, A. Casini**
- 102 Investigation of Non-covalent Interactions of Metal Complexes with
DNA in Cell-free Systems
A. Erxleben
- 112 Spectroscopic Approaches to Tracking Metal-based Drugs in Cells and Tissue
A. K. Renfrew
- 120 Transition Metal-based Anticancer Drugs Targeting Nucleic Acids:
A Tandem Mass Spectrometric Investigation
*R. P. Eberle, Y. Hari, S. Schürch**
- 124 Metabolic Profiling of Cells in Response to Drug Treatment Using ^1H High-
resolution Magic Angle Spinning (HR-MAS) NMR Spectroscopy
M. Vermathen, G. Diserens, P. Vermathen, J. Furrer**

COLUMNS, CONFERENCE REPORTS

- 130 SWISS SCIENCE CONCENTRATES
*Prepared by C. D. Bösch, M. Kownacki, Y. Vyborna, S. M. Langenegger, R. Häner**
- 131 HIGHLIGHTS OF ANALYTICAL SCIENCES IN SWITZERLAND
A Powerful Tool to Better Understand Cement Hydration
F. Caruso, S. Mantellato, M. Palacios, R. J. Flatt**
- 132 CONFERENCE REPORT
SCS Seminars 2017/1 on Process Chemistry, Fribourg, 16.–18.01.2017
A. Biemann, F. Neuhaus**
- 134 Gordon Research Seminar on Physical Virology 2017
R. Frey

COMMUNITY NEWS

- 136 SCNAT: Announcement of 10th Young Faculty Meeting
- 137 Swiss Chemical Society News
- 138 Honors and Awards
- 139 Journal News
- 140 Industrial News

EVENTS

- 145 SCS Conferences and Symposia 2017
- 147 Non-SCS Conferences in Switzerland
- 148 Lectures
- 149 Education Courses in Analytical Chemistry

CHIMIA REPORT/COMPANY NEWS

Markt, Apparate, Chemikalien und Dienstleistungen