

Medicinal Chemistry

EDITORIAL

- 643 *G. Koch*
- 646 Drugs from the Oceans: Marine Natural Products as Leads for Drug Discovery
K.-H. Altmann
- 653 Exploring Natural Product Fragments for Drug and Probe Discovery
A. Pahl, H. Waldmann, K. Kumar**
- 661 Chemical Space: Big Data Challenge for Molecular Diversity
*M. Awale, R. Visini, D. Probst, J. Arús-Pous, J.-L. Reymond**
- 667 The Screening Compound Collection: A Key Asset for Drug Discovery
C. Boss, J. Hazemann, T. Kimmerlin, M. von Korff, U. Lüthi, O. Peter, T. Sander, R. Siegrist*
- 678 Design, Properties and Recent Application of Macrocycles in Medicinal Chemistry
P. Ermert
- 703 Following the Lead from Nature with Covalent Inhibitors
*R. Lagoutte, N. Winssinger**
- 712 Targeted Delivery of Cytotoxic Drugs: Challenges, Opportunities and New Developments
*S. Cazzamalli, A. Dal Corso, D. Neri**
- 716 Discovery of Potent and Selective p53-MDM2 Protein-Protein Interaction Inhibitors as Anticancer Drugs
P. Holzer
- 722 Milestones to the Discovery of T-type Calcium Channel Blockers for the Treatment of Generalized Epilepsies
O. Bezençon, R. Siegrist, B. Heidmann, D. Pozzi, S. Stamm, L. Remeň, S. Richard, L. Simons, R. Gaston, D. Downing, C. Grisostomi, C. Roch, M. Kessler, J. Gatfield, R. Moon, T. Pfeifer, J. Mosbacher, I. Reymond, E. A. Ertel, R. de Kanter, B. Capeleto, E. Fournier, M. Rey, L. Moccia, M. Toeroek-Schafroth, R. Roscher, B. Schindelholz*

NOTE

- 730 Top 200 Drugs by Worldwide Sales 2016
G. Sedelmeier, J. Sedelmeier**

COLUMNS, CONFERENCE REPORTS

- 731 SWISS SCIENCE CONCENTRATES
*C. D. Bösch, M. Kownacki, Y. Vyborna, S. M. Langenegger, R. Häner**
- 732 HIGHLIGHTS OF ANALYTICAL SCIENCES IN SWITZERLAND
Mineral Oil in Food – The Development of an Issue
K. Grob
- 733 POLYMER AND COLLOID HIGHLIGHTS
Polymers with Exceptional Photoluminescence by Homoconjugation
*A. Braendle, A. Perevedentsev, N. J. Cheetham, P. N. Stavrinou, J. A. Schachner, N. C. Mösch-Zanetti, M. Niederberger, W. Caseri**
- 734 UNIVERSITIES OF APPLIED SCIENCES
Production of a Recombinant Catechol 2,3-Dioxygenase for the Degradation of Micropollutants
*D. Celesia, I. Salzmann, E. Vaz Porto, F. Walter, C. Weber, R. Dufresne, S. Crelier**
- 739 CONFERENCE REPORT
BioTech 2017 Conference Report, Wädenswil, 7./8.9.2017
C. Demuth

COMMUNITY NEWS

- 740 Swiss Chemical Society News
- 741 Honors and Awards
- 741 Journal News
- 742 Industrial News

EVENTS

- 744 SCS Conferences and Symposia 2017/18
- 744 Non-SCS Conferences in Switzerland
- 745 Lectures
- 747 Education Courses in Analytical Chemistry
- 750 Nobel Prize in Chemistry 2017: Congratulations to Prof. Jacques Dubochet

CHIMIA REPORT/COMPANY NEWS

- 749 Markt, Apparate, Chemikalien, Firmenportraits und Dienstleistungen