

Singapore – Swiss Connections

EDITORIAL

- 97 *N. Yan*
- 100 Platinum(IV) Carboxylate Prodrug Complexes as Versatile Platforms for Targeted Chemotherapy
*J. X. Ong, S. Q. Yap, D. Y. Q. Wong, C. F. Chin, W. H. Ang**
- 104 Modelling Water: A Lifetime Enigma
*J. F. Ouyang, R. P. A. Bettens**
- 112 Characterization of Lipid and Cell Membrane Organization by the Fluorescence Correlation Spectroscopy Diffusion Law
*X. W. Ng, N. Bag, T. Wohland**
- 120 Valorization of Renewable Carbon Resources for Chemicals
*X. Chen, B. Zhang, Y. Wang, N. Yan**
- 125 Exposure to Metals Can Be Therapeutic
C. A. Davey
- 131 Electrocatalysts for the Selective Reduction of Carbon Dioxide to Useful Products
*D. Ren, Y. Huang, B. S. Yeo**
- 136 Evolving P450_{pyr} Monooxygenase for Regio- and Stereoselective Hydroxylations
*Y. Yang, Z. Li**
- 142 Acid Mediated Ring Closing Metathesis: A Powerful Synthetic Tool Enabling the Synthesis of Clinical Stage Kinase Inhibitors
A. D. William, A. C.-H. Lee*

COLUMNS

- 146 SCNAT
Young Faculty Meeting 2015 – Announcement
- 147 FH-HES
Skin Concentrations of Topically Applied Substances in Reconstructed Human Epidermis (RHE) Compared with Human Skin Using *in vivo* Confocal Raman Microscopy
*F. D. Fleischli, F. Morf, and C. Adlhart**
- 152 HIGHLIGHTS OF ANALYTICAL SCIENCES IN SWITZERLAND
Benefit-Risk Assessment of Diesel Particle Filters (DPFs): An Analytical and a Toxicological Challenge
N. Heeb, R. Haag, P. Schmid, C. Seiler, A. Wichser, M. Zennegg, P. Honegger, K. Zeyer, L. Emmenegger, Y. Zimmerli, J. Czerwinski, A. Mayer*
- 153 SWISS SCIENCE CONCENTRATES
Prepared by
C. D. Bösch, M. Probst, Y. Vyborna, M. Vybornyi, S. M. Langenegger, R. Häner

SWISS CHEMICAL SOCIETY

- 154 SCS Fall Meeting 2015 – Call for Contributions
- 154 Members of the SCS are Entitled to a Discount on Personal RÖMPP Licenses
- 154 Survey for CHIMIA's Future
- 154 Salary Survey for Industrial Chemists in Switzerland
- 154 New Location of the SCS Head Office
- 155 New postal address of the SCS as of May 1, 2015
- 155 Alfred Werner Masters Scholarships 2015–17
- 155 SCNAT/SCS/SSFEC Chemistry Travel Awards 2015
- 155 A warm welcome to our new members!
- 155 Report on the 13th Swiss Snow Symposium
- 157 Division für Analytische Wissenschaften: Weiterbildung Analytik

INFORMATION

- 158 News
- 158 Honors
- 158 Conferences in Switzerland
- 159 Lectures

CHIMIA REPORT/COMPANY NEWS

- 162 Markt, Apparate, Chemikalien und Dienstleistungen