

# Life Sciences in Switzerland

## EDITORIAL

- 841 *C. von Schoultz*
- 844 (Life) Science Funding in Switzerland (1)  
*A. Yilmaz*
- 846 (Life) Science Funding in Switzerland (2)  
*M. Dell'Ambrogio*
- 849 SystemsX.ch  
*D. Vonder Mühl*
- 851 Switzerland and the Digital Health Revolution  
*D. Trono\**
- 853 Inflammasomes in Host Defense and Autoimmunity  
*P. Broz\**
- 856 Chemokines: Chemistry, Biochemistry and Biological Function  
*D. F. Legler\*, M. Thelen\**
- 860 Next-generation Proteomics from an Industrial Perspective  
*O. Rinner*
- 864 The Swiss Society of Experimental Pharmacology in Times of Change  
*G. Weitz-Schmidt\*, U. Rüegg*
- 868 Medicinal Chemists Don't Just Make Drugs –  
The Art of Developing Low Molecular Weight Imaging Agents in Switzerland  
*Y. P. Auberson*
- 874 The Swiss Society of Microbiology: Small Bugs, Big Questions and Cool Answers  
*G. Greub\*, C. Holliger, D. Sanglard, J. Schrenzel, V. Thiel, P. Viollier*
- 878 Automated Microscopy and High Content Screens (Phenotypic Screens) in Academia Labs  
*D. Moreau\*, J. Gruenberg\**
- 883 Landscape of Genomics Technology Platforms in Switzerland  
*P. Descombes\*, E. J. Oakeley*
- 889 Swiss Light Microscopy Facilities: A Success Story for the last Fifteen Years  
*C. R. Bauer*
- 893 Recombinant Antibodies for Academia: A Practical Approach  
*P. Cosson\*, O. Hartley*

## COLUMNS

---

- 898 SWISS SCIENCE CONCENTRATES  
*Prepared by C. D. Bösch, M. Kownacki, Y. Vyborna, S. M. Langenegger, R. Häner\**
- 899 HIGHLIGHTS OF ANALYTICAL SCIENCES IN SWITZERLAND  
Soil Contamination with Trace Metals: Quantification, Speciation, and Source Identification  
*M. Bigalke\*, L. Schwab, S. Gyax, A. Mestrot*
- 900 FH-HES UNIVERSITIES OF APPLIED SCIENCES  
On-line Monitoring and Control of Fed-batch Fermentations in Winemaking  
*M. Dabros\*, G. Genasci, L. Blanchard, S. Unterhofer, O. Vorlet, R. Mira de Orduña Heidinger, J.-P. Bourgeois*
- 902 BIOTECHNET SWITZERLAND  
Conference Report: The 2016 Olten Meeting at the Basel Life Science Week  
*E. Heinzelmann*
- 905 CONFERENCE REPORTS  
ECM-30 - European Crystallographic Meeting 2016  
*K. M. Fromm\*, J. Schefer\**
- 907 CLARIANT Chemistry Day 2016  
*S. Hofacker\*, A. Maier*
- 909 The Swiss Summer School in Chemical Biology 2016 in brief  
*J. Saabach\*, R. de Matos, P. Gonschorek*
- 911 48TH INTERNATIONAL CHEMISTRY OLYMPIAD  
One Bronze Medal for Switzerland at the 48th International Chemistry Olympiad in Tbilisi, Georgia  
*A. C. Vaucher*

## COMMUNITY NEWS

---

- 913 Swiss Chemical Society News
- 914 SCS Prize Winners 2017
- 915 Honors and Awards
- 915 Journal News
- 916 Industrial News

## EVENTS

---

- 919 SCS Conferences and Symposia
- 920 Non-SCS Conferences in Switzerland
- 921 Lectures

## CHIMIA REPORT/COMPANY NEWS

---

- 923 Markt, Apparate, Chemikalien und Dienstleistungen