

SCS Laureates and Awards & Fall Meeting 2019

EDITORIAL

537 *A. De Mesmaeker*

540 Mass Spectrometric Exploration of the Biochemical Basis of Living Systems
R. Aebersold^{§}, P. Blattmann*
[§]Paracelsus Prize 2018

549 Design, Synthesis and Biological Evaluation of Strigolactone and Strigolactam Derivatives for Potential Crop Enhancement Applications in Modern Agriculture
A. De Mesmaeker^{§}, C. Screpanti[§], R. Fonné-Pfister[§], M. Lachia, A. Lumbroso, H. Bouwmeester[§]*
[§]Sandmeyer Award 2018

561 Investigations into the Potential Role of Metabolites on the Anti-Leukemic Activity of Imatinib, Nilotinib and Midostaurin
P. W. Manley
SISF-SCS Distinguished Investigator Award 2018

571 Episodes from the Continuous Search for Solutions against Downy Mildew Diseases
C. Lamberth
SISF-SCS Distinguished Investigator Award 2018

581 Derivation of Rapamycin: Adventures in Natural Product Chemistry
S. Cottens, J. Kallen, W. Schuler, R. Sedrani^{§}*
[§]KGF-SCS Industrial Investigator Award 2017

591 Preventing Lignin Condensation to Facilitate Aromatic Monomer Production
W. Lan, J. S. Luterbacher^{§}*
[§]Werner Prize 2019

599 «La Chimie en Couleurs»: Socially Relevant & Original Research in Chemistry in High Schools Using Modest Resources
T. Rosset^{§}, M. Creus*
[§]Balmer Prize 2018

604 **SCS FALL MEETING 2019**

605 Welcome to the 2019 Fall Meeting of the Swiss Chemical Society (SCS)
R. Alberto, H. P. Lüthi

606 Program Overview

607 General Information

608 Sponsors, Endowments and Exhibitors

611 Plenary Sessions

611 Parallel Sessions

616 Poster Sessions

COLUMNS, CONFERENCE REPORTS

- 634 SWISS SCIENCE CONCENTRATES
*Y. Baumgartner, N. Niggli, D. Savary, P. Thesmar, O. Baudoin**
- 635 HIGHLIGHTS OF ANALYTICAL SCIENCES IN SWITZERLAND
CMOS and 3D Printing for NMR Spectroscopy at the Single Embryo Scale
*M. Grisi, E. Montinaro, F. Vincent, L. Pethö, M. C. Letizia, B. Volpe, N. Harris, A. Beck, R. Guidetti, M. Gijs, J. Michler, J. Brugger, G. Boero**
- 636 POLYMER AND COLLOID HIGHLIGHTS
Microfluidics Meets Printed Electronics
*B. Horváth, B. Krivová, S. Bolat, H. Schiff**
- 637 MEDICINAL CHEMISTRY AND CHEMICAL BIOLOGY HIGHLIGHTS
Boron in Medicinal Chemistry: Powerful, but Neglected
P. Mäder
- 639 CHEMICAL EDUCATION
Chemische Experimente zum «International Year of the Periodic Table IYPT2019»
*H. Dütsch, K. Koch**
- 641 SUSCHEM SWITZERLAND
SusChem Switzerland, Phase II
E. Godineau
- 644 SECTION CHEMISTRY AND THE ENVIRONMENT
The Swiss Chemical Society Establishes a New Section on 'Chemistry and the Environment' (SCE)
K. Fenner
- 645 FH-HES UNIVERSITIES OF APPLIED SCIENCES
Materials Science at Swiss Universities of Applied Sciences
P. Brodard, M. Dabros, R. Marti, E. Vanoli, M. Zinn, U. Frey, C. Adlhart, L. Kind, F. Koch, F. Burgio, J. Stenqvist, S. Saxer, U. Pieles, P. Shahgaldian, S. Wendeborn*
- 656 CONFERENCE REPORT
« Élémentaire ! » – The 2019 Science Contest for Schools in Geneva to Celebrate the International Year of the Periodic Table
*D. Perret, G. Laty, H. Hagemann**

COMMUNITY NEWS

- 659 SCNAT
The Jungfrauoch Research Station Designated as the Chemical Landmark 2019
*A. Jordi, L. Merz**
- 662 Swiss Chemical Society News
- 665 Honors, Awards, Appointments
- 666 Journal News
- 667 Industrial News

EVENTS

- 672 SCS Conferences and Symposia
- 675 Non-SCS Conferences in Switzerland
- 676 SCS Lectureships September 2019
- 676 Lectures September 2019
- 677 Further Education in Chemical Analysis