

Editorial



Dear Readers of CHIMIA,

Chemistry departments in the Swiss academic system are in a state of continuous evolution. The new generation of researchers starting an academic career is developing what will be the future of chemistry in Switzerland. The promotion of young academics in Switzerland who engage in research in the chemical sciences is strongly supported by the universities and federal schools themselves as well as by the Swiss National Science Foundation *via* its

SNSF Professorship program and by the Werner Foundation *via* the Alfred Werner Assistant Professorship. These young academics have been invited to present their activities and field of research in two special issues of CHIMIA. About 25 of them have submitted a manuscript and the first series of contributions are included in this issue. The authors contributing to the present issue are **Dominik Brühwiler** 'Functionalized Silicate Nanochannels: Towards Applications in Drug Delivery and Solar Energy Conversion', **Michele Cascella** and **Matteo Dal Peraro** 'Challenges and Perspectives in Computer Simulations of Biological Systems: From Atomistic Dimensionality to Multiscale Models', **Nicolai Cramer** 'Syntheses and Biological Activity of the HDAC Class I Inhibitor Largazole', **Christian M. Frech** 'Aminophosphine Palladium Pincer Complexes for Suzuki and Heck Reactions', **Piero Macchi** 'Electron Density Distribution in Organometallic Materials', **Clément Mazet** 'Iridium-Catalyzed Isomerization of Primary Allylic Alcohols', **Wendelin J. Stark** 'Physico-Chemical Differences Between Particle- and Molecule-Derived Toxicity: Can We Make Inherently Safe Nanoparticles?', **Hermann A. Wegner** 'Oxidative Coupling Reactions with Gold', **Oliver S. Wenger** 'Chemistry with Photons, Protons, and Electrons', **Stefan Willitsch** 'Molecules and Ions at Very Low Temperatures', **Felix H. Zelder** 'Recent Advances in the Colorimetric Detection of Cyanide', and **Andreas Zumbuehl** 'Non-natural Phospholipids: Probing Nature's Modular Platform'. This first series of papers illustrates well the breadth of the research activities developed by young scientists at the different academic research institutes in Switzerland.

A second series of papers by young academics will appear in the March issue of CHIMIA. Further issues featuring young academics are foreseen and will be announced in due time.

I wish you a good read of this issue of CHIMIA.

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