

Editorial



In 2013, the editorial team of CHIMIA will again consist of Jérôme Lacour as Editor-in-Chief and Roland Kunz as Assistant Editor. With the active support of the Editorial Board, strengthened by the arrival of Clémence Corninboeuf and Manuel Koller, the Advisory Board and the Technical Editor of CHIMIA, we will strive to ensure the success of CHIMIA for this year (and beyond).

No drastic changes in the editorial content are foreseen. The well-established and highly appreciated *Thematic Issues* and *Special Issues* will be the main activities of the Journal. These concise and critical overviews of fundamental or applied research in all areas of chemistry and biochemistry are well appreciated by CHIMIA readers. As such, these review articles have become an important part of CHIMIA. Some of these articles are extremely well cited. Hot Topics articles are usually written by invitation but authors are strongly encouraged to submit spontaneously articles or suggestions for articles to the Editor-in-Chief. Special care is given to ensure a very short publication delay for these review articles.

The present Hot Topics issue is dedicated to welcoming to Switzerland six colleagues joining the schools of chemistry and biochemistry of EMPA, ETH-Zurich, Uni Basel, Uni Bern and Uni Geneva as new professors. The six articles highlight recent development in fields as varied as nanocrystals synthesis and self-assembly, modified zeolites for heterogeneous catalysis, catalytic and regulatory potential of non-protein-coding RNA, oxidative stress, photochemistry and electron transfer to platform chemistry based on nucleic acid hybridization.

Maksym Kovalenko reports on 'Chemical Design of Nanocrystal Solids', **Javier Pérez-Ramírez** on 'Hierarchical Zeolites Overcome all Obstacles: Next Stop Industrial Implementation', **Norbert Polacek** on 'Atomic Mutagenesis of the Ribosome: Towards a Molecular Understanding of Translation', **Florian Seebeck** on 'Thiohistidine Biosynthesis', **Oliver Wenger** on 'Photoinduced Electron and Proton Transfer with Metal Complexes and Organic Molecules, and **Nicolas Winssinger** on 'Nucleic Acid-programmed Assemblies: Translating Instruction into Function in Chemical Biology'.

Let's welcome them.

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