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SWISS CHEMICAL SOCIETY NEWS

EuChemS Historical Landmark Award 2021 to the Jungfrauoch High-Altitude Research Station



The Jungfrauoch High Altitude Research Station, Switzerland, was awarded the EuChemS Historical Landmarks Award in recognition of the pioneering work and exceptional “liaison réussie” between the research group of Prof. Marcel Migeotte (1912–1992) with collaborators from the University of Liège, Belgium, and the International Foundation

of the High Altitude Research Stations Jungfrauoch and Gornergrat (HFSJG), Switzerland. History was made at this alpine site in terms of the first fundamental measurements and early identification of harmful atmospheric constituents, such as anthropogenic greenhouse gases, and evidence of how their presence in our atmosphere has changed over the last 70 years. Our current understanding of atmospheric chemistry and physics in the context of Earth’s climate system would not be possible without the visionary approach of asking the right questions, developing cutting-edge instrumentation and forging strong coalitions at a seminal time for atmospheric chemistry.

In the early last century, pioneering scientists in Switzerland initiated the initiative to set up an international research center for atmospheric and environmental science issues, combining chemical and physical measurements in an innovative manner. After having finished the railway from Kleine Scheidegg to the Jungfrauoch, which is still the highest railway station in Europe, the conditions for the construction of the station were met. Influenced not least by the events of World War I, it took almost 10 years until 1922 for the project to be officially approved and implemented with the establishment of the international foundation. Another 10 years later, in 1931, the research station was officially inaugurated. From the very beginning, international cooperation was given high priority, so it is not surprising that the Kaiser-Wilhelm-Gesellschaft from Germany and the Austrian Academy of Sciences, among others, were founding members of the foundation. Based on this 100-year cooperation, both the Gesellschaft Deutscher Chemiker (GDCh) and the Gesellschaft Österreichischer Chemiker (GÖCH) support this nomination. The cooperation of the three Alpine countries as well as seven other European countries is underlined by the Virtual Alpine Observatory (VAO) initiative and the regular symposia that guarantee scientific exchange throughout the community.

In 2019 the Jungfrauoch Research Station was awarded the Swiss Chemical Landmark from the Platform Chemistry of the Swiss Academy of Natural Sciences.

More information and websites

euchems.eu/awards/euchems-historical-landmarks

hfsjg.ch

chem.scnat.ch/en/chemical_landmarks

European Young Chemists’ Awards Finalists



The European Young Chemists’ Award (EYCA) is given biannually, to young chemists with outstanding achievements. After evaluating all applications in two categories – Early Career Researcher and PhD – 6 finalists were selected in each:

PhD level: Luca Maria Cavinato,

Antonio Faggiano, Sara Grecchi, Anirban Mondal, Sebastian Weber, Bowen Zhang

Early Career Researcher level: Serena Arnaboldi, Claudia Bonfio, Luka Dordevic, Cesar de la Fuente, Erica Del Grosso, Simona Ranallo

The finalists were given the opportunity to present at the 8th EuChemS Chemistry Congress (ECC8) on 30 August, in front of a jury and an audience. A Gold and a Silver medal were awarded in each category, and the winners received their honours during the closing ceremony of the congress.

More information: euchems.eu

Call for Nominations: IUPAC International Award for Advances in Harmonized Approaches to Crop Protection Chemistry



This award recognizes individuals in government, intergovernmental organizations, academia, and industry who have exercised personal leadership for outstanding regulatory, public policy, and/or educational contributions supporting international harmonization of crop protection chemistry. The award is administered by the IUPAC Advisory

Committee on Crop Protection Chemistry, a body of the IUPAC Division of Chemistry and the Environment, and is presented on a roughly biennial basis. The next award will be presented as part of the Agrochemicals Division program for the Fall 2023 American Chemical Society meeting in San Francisco, USA, during August of 2023. Awardees receive an honorarium plus travel and per diem reimbursement to attend the award presentation ceremony.

Nomination Process: Nominations for the 2023 award are due by December 1, 2022 and should be sent to Dr. Laura McConnell at laura.mcconnell@bayer.com and will consist of

- A **nomination letter** including a description (200–1000 words) of the reasons why the nominee should receive this award, stressing the individual’s major accomplishments toward international harmonization of crop protection chemistry.
- A **curriculum vitae** of the candidate that includes places and names of employment, professional affiliations, committee and working group assignments, and listing of relevant regulatory guidance documents, reports, and/or publications.
- One or more **letters of support**.

More information: iupac.org

A Warm Welcome to Our New Members!



Period: 08.07.–22.08.2022

Daniel Benczédi, Plan-les-Ouates - Rafael Bermeo Malo, Basel - Bastian Brand, Wädenswil - Jasmina Büchel, Adliswil - Lorenzo Delarue Bizzini, Basel - Dominic Egger, Zurich - Stamatios Giannoukos, Windisch - Quentin Kaas, Pfeffingen - Stanislav Kasakov, Bern - Hoang Giau Le, Geneva - Andres Marulanda Bran, Renens - Lydia Mathews, Edathua (IN) - Andrea Nonis, Tannay - Alzbeta Runova, Zurich - Parvathi Santhoshkumar, Mallappally (IN) - Ramon Schnyder, Nunningen - Estefania Sucre Rosales, Geneva - Bettina Tran, Fribourg - Bram Van Den Bossche, Lausanne - Stefania Vergura, Basel - Stephanie Anita Vogt, Kriens - Anastasiia Vorobei, Renens - Chengbo Yao, Zurich.

the certificates and the vouchers of 150 Euros from Wiley online library. The poster session took place in the evening of the first day of the symposium.

HONORS, AWARDS, APPOINTMENTS

Best Poster Presentation Award Winners at the Peptide Therapeutics Forum 2022



As part of the 2022 edition of the Peptide Therapeutics Forum 2022, taking place on-site in Basel and being streamed via Zoom on August 25–26, 2022, the SCS also offered a poster session and honored the best contributions with the 'Chemistry Europe' Best Poster Award. Elija Grinhagena, Seino Jongkees and Hippolyte Personne (picture) received

the certificates and the vouchers of 150 Euros from Wiley online library. The poster session took place in the evening of the first day of the symposium.

Elija Grinhagena, EPFL Lausanne

«Bifunctional Hypervalent Iodine Reagents for Cys-Cys and Cys-Lys Peptide Stapling»

Seino Jongkees, Utrecht University (NL)

«A Macrocyclic Peptide that Inhibits SARS-CoV-2 Infection Across Variants by Binding to a Buried Ternary Site in the Spike Protein»

Hippolyte Personne, University of Bern

«X-ray Structures of Mixed-chirality α -Helical Antimicrobial Peptides»

Impressions and additional information about the event are available on the website of the symposium: ptf22.scg.ch

George C. Pimentel Award 2022 for Prof. John Paul Maier, University of Basel



The George C. Pimentel Award has been awarded since 2005 to scientists who have made significant contributions in the field of matrix isolation. This year the award was honored to **Prof. John Paul Maier**, who is currently working at University of Basel. The award ceremony was held during the conference "Chemistry and Physics at Low Temperatures" which took place from 3-8 July 2022 in Visegrád, Hungary.

Source: chemie.unibas.ch

JOURNAL NEWS

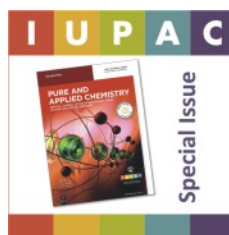
Chemistry Europe supported SCS Events in Fall 2022



The Chemistry Europe (CE) sponsorship program is a contractual arrangement between the Chemistry Europe Societies and Wiley-VCH and allows the national societies to implement CE promotion activities at its events. Chemistry Europe supported the following SCS events in fall 2022 and we like to thank for the generous support:

- Peptide Therapeutics Forum 2022, Basel, 25–26, 2022
- SCS Fall Meeting 2022, Zurich, 08.09.2022
- Swiss Summer School 2022: «Chemical Biology», Les Diablerets, 11.–15.09.2022

Cheminformatics: data and standards



Back in 2021 and with the aim of discussing cheminformatics standards and future needs, a call was released for developing a special issue of Pure and Applied Chemistry. That issue is now out as the June issue of PAC. With themes covering education, file formats, spectroscopic data, and other applications, the articles collected within this rolling

special issue will serve as a starting point toward identifying key chapters for a Cheminformatics Color Book, as well as identifying new IUPAC projects that are needed to advance cheminformatics standardization efforts.

See details and access: <https://iupac.org/cheminformatics-data-and-standards-a-pac-special-issue/>

Helvetica, Volume 105, Issue 8, August 2022**Research Articles**

Crystallographic Characterisation of Organolithium and Organomagnesium Intermediates in Reactions of Aldehydes and Ketones

Robert E. Mulvey, Jennifer R. Lynch, Alan R. Kennedy, Jim Barker, Jacqueline Reid

Crystallography without Crystals: A Structural Study of Fakein
Angelo Gavezzotti

Editorial

A Special Issue Dedicated to Professor Michael Grätzel
Jovana V. Milić, Mohammad Khaja Nazeeruddin
Website: onlinelibrary.wiley.com/journal/15222675

INDUSTRIAL NEWS

Source: www.chemanager-online.com

CSL Close to Finally Taking Control of Vifor

August 4, 2022: Australian biopharma CSL said this week it has received all the regulatory clearance required to take over Switzerland's Vifor. The acquisition announced in December 2021 temporarily stalled in May 2022. CSL said it now expects to complete the \$11.7 billion transaction on Aug. 9, when it will hold more than 97% of Vifor's capital. The acquisition, the Melbourne-based company said, will offer a clear path to sustainable growth in the long term, along with near-term value. In late March, CSL said it was postponing the closing for four months to allow time for all antitrust agencies to approve. In July, it extended the offer again until September. Terms remained unchanged, however. Last December, CSL's CEO, Paul Perreault, said the deal should be accretive to earnings in the first year of ownership. He added that it will further advance his company's 2023 strategy to create high value growth, be cash generative and sustainable while expanding the leadership positions of its two business units Behring and Sequeris. With the takeover, CSL will gain access to Vifor's kidney disease and iron efficiency portfolio, though reports suggest that some of the parameters could be slightly changed against 2021 expectations. The US Food and Drug Administration (FDA) earlier this year turned thumbs down on Akebia Therapeutics' treatment for chronic kidney disease, vadadustat, which Vifor has licensed for its dialysis unit. However, the drug is currently under review by the European Medicines Agency for the same application and also by regulatory authorities in Switzerland and the UK. As general manager for its new business, CSL has chosen former GSK executive Hervé Gisserot, who joined Vifor in Januar and currently serves as chief commercial officer. At closing, Vifor's current CEO, Abbas Hussain, will leave the company.

Arxada extends partnership with DSM and invests in Visp, Switzerland, facility

August 24, 2022: Arxada, a global leader in specialty chemicals, today announces the extension of its long-term collaboration with Royal DSM (DSM), a global science-based company, for the supply of niacin and a range of other nutritional ingredients from Arxada's facility in Visp, Switzerland, to DSM's vitamin and aroma ingredients business in neighboring Visp-Lalden.

As part of this long-term partnership extension with DSM, Arxada will invest CHF 20m in its world-class production facility in Visp. This investment will be used to expand production lines at the site and increase Arxada's output of nutritional ingredients supplied to DSM.

Arxada will also make further investments to reduce the carbon footprint of the Visp site to help meet the sustainability commitments of both companies. This follows Arxada's significant investment in Visp in 2021 to reduce other greenhouse gas emissions at the site.

Antje Gerber, President, Specialty Products Solutions, Arxada, said:

"We are delighted to be extending our agreement with DSM and building on the longstanding, mutually beneficial partnership with our neighbors in the Swiss Valais canton. This significant new investment in our Visp facility secures the site's long-term future, helping to fuel our future growth, and demonstrates our clear commitment to sustainability and reducing our carbon footprint."

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