

play in addressing the challenges. This is in accordance with a vision for IUPAC to be a global resource for chemistry for the service of humankind and the world. We are already working on many of the topics which will be crucial and we offer our expertise in addressing these issues which must be carried out in collaboration between all scientists and society as a whole."

IUPAC has worked for years in several fields related to the challenges of climate change and the environment, green chemistry for sustainable development and world needs. Before the Covid-19 crisis, it was already implementing an organisational drive to make much greater use of on-line meetings, thus reducing travel and decreasing our carbon footprint.

Examples of IUPAC projects that address the challenges associated with climate change are:

- Evaluated Kinetic Data for Atmospheric Chemistry
- Climate and Global Change: Observed Impacts on Planet Earth
- Multi-scale Biogeochemical Processes in Soil Ecosystems: Critical Reactions and Resilience to Climate Changes
- Assessment of the Contribution of IUPAC Projects to the Achievement of the United Nations Sustainable Development Goals
- Visualizing and Understanding the Science of Climate Change
- Systems Thinking in Chemistry Education
- Systems Thinking in Chemistry for Sustainability: Toward 2030 and Beyond
- Green and Sustainable Chemical Processes

The cover of the IPCC report is *Changing by Alisa Singer, "As we witness our planet transforming around us we watch, listen, measure...respond."* www.environmentalgraphiti.org - 2021 Alisa Singer.

<https://iupac.org/climate-change-2021-the-physical-science-basis/>

2022 IUPAC-Richter Prize—Call for Nominations

IUPAC and Gedeon Richter, Plc. are pleased to announce the 2022 IUPAC-Richter Prize in Medicinal Chemistry.

The 2022 IUPAC-Richter Prize will be presented during the 37th ACS National Medicinal Chemistry Symposium (26-29 June 2022) in New York (USA) and the recipient will also give a lecture on the subject of their research at the XXVII EFMC International

Symposium on Medicinal Chemistry (4-8 September 2022) in Nice (France).

The prize—USD 10,000—is to be awarded to an internationally recognized scientist, preferably a medicinal chemist, whose activities or published accounts have made an outstanding contribution to the practice of medicinal chemistry or to an outstanding example of new drug discovery.

The Prize has been established by a generous gift from the **Chemical Works of Gedeon Richter, Plc.** (Budapest, Hungary) to acknowledge the key role that medicinal chemistry plays toward improving human health.

Applicants should be received by nomination only, with just one person needing to serve in that capacity, although a total of five (5) individuals should be listed as referees overall. The package must be submitted electronically and should contain a complete resume, a professional autobiography of not more than two pages, and a one-page summary of what the individual considers to be his/her activities, accomplishments and/or publications that have had the most significant impact upon the field of Medicinal Chemistry. The material will be forwarded confidentially to an independent selection committee appointed by the IUPAC Subcommittee on Medicinal Chemistry and Drug Development.

For further information please contact Janos Fischer, Chair of the Jury and member of the IUPAC Sub-committee on Drug Discovery and Drug Development, by email at <j.fischer@richter.hu>

Nomination materials should be submitted by **15 December 2021**

<https://iupac.org/2022-iupac-richter-prize-call-for-nominations/>

Awardees of the 2021 IUPAC-Zhejiang NHU International Award for Advancements in Green Chemistry

We are delighted to announce the 2021 recipients of the established IUPAC-Zhejiang NHU International Award for Advancements in Green Chemistry. We congratulate **Gabriele Laudadio** from the Scripps Research Institute, **Lichen Liu** from Tsinghua University, and **Jingxiang Low** from University of Science and Technology of China as the early career award winners, and **David Milstein** from the Weizmann Institute of Science, Israel for the experienced chemist award.