



Craig M. Crews

The 2024 IUPAC-Richter Award Goes to Craig M. Crews

Craig M. Crews has been awarded the 2024 IUPAC-Richter Prize in Medicinal Chemistry. Crews is a Professor in the Department of Molecular, Cellular and Developmental Biology and Professor of Chemistry and Pharmacology at Yale University. His discovery and implementation of the PROteolysis TARGETing Chimeras (PROTACs) technology for removing specific unwanted proteins revolutionized the field by identifying a new method for affecting protein function. The fact that this technology has been widely adapted and investigated not only within the pharmaceutical industry, but also in academia, demonstrates the significance and impact of this work. While no drugs have yet been approved, several are in development and these molecules are progressing, because they are effective and safe. He also played a key role in the discovery of carfilzomib, an approved proteasome inhibitor for the treatment of multiple myeloma. The acceptance lecture will be held in Rome, Italy (1-5 September 2024) at the XXVIII EFMC International Symposium on Medicinal Chemistry.

This year marks the tenth occasion of the IUPAC-Richter Prize, which was established in 2005 by IUPAC and Richter PLC. Awarded biannually, the awardee is announced by IUPAC, following nominations and the decision of an independent international selection committee. The lecture in which the prize is awarded occurs alternatively in Europe and in the United States. The awardee receives a prize of USD\$ 10 000, which is sponsored by Richter PLC, and a plaque, presented by IUPAC. The previous awardees are: 2006: Malcolm

FG Stevens (UK), 2008: Jan Heeres (Belgium), 2010: Arun Ghosh (USA), 2012: Stephen Hanessian (Canada), 2014: Helmut Buschmann (Germany), 2016: Michael Sofia (USA), 2018: Peter Grotenhuis (USA), 2020: John Macor (USA), 2022: Michael E. Jung (USA).

<https://iupac.org/what-we-do/awards/iupac-richter-prize-medicinal-chemistry/>

Science as a Global Public Good

In December 2023, the International Science Council (ISC) appointed 100 new Fellows, in recognition of outstanding contributions to promoting science as a global public good. Among them is former IUPAC President, now Past President, Professor Javier García Martínez, and former Bureau member Professor Ghada Bassioni. The Fellowship is the highest honour that can be conferred on an individual by the ISC. Together with the 123 individuals that were appointed in 2022, the new ISC Fellows will support the ISC Council in its mission at a critical moment for science and sustainability for science as we enter the UN's International Decade of Sciences for Sustainable Development (IDSSD) in 2024.

The new Fellows include eminent social and natural scientists, engineers, and thought leaders who have made impactful contributions to science and society. They



Javier and Ghada in September 2022, during the 9th IUPAC International Conference on Green Chemistry, in Athens