

Laureate 2013



"I was obviously delighted to win the Solvay Prize. It is wonderful recognition of all the hard work of a terrific group of present and past co-workers."

Professor Peter G. Schultz

Professor Peter G. Schultz, a professor at the Scripps Research Institute in California, and director of the California Institute for Biomedical Research, was awarded the first Chemistry for the Future Solvay Prize in 2013.

Awarding the Prize, chairman of the jury Professor Håkan Wennerström explained:

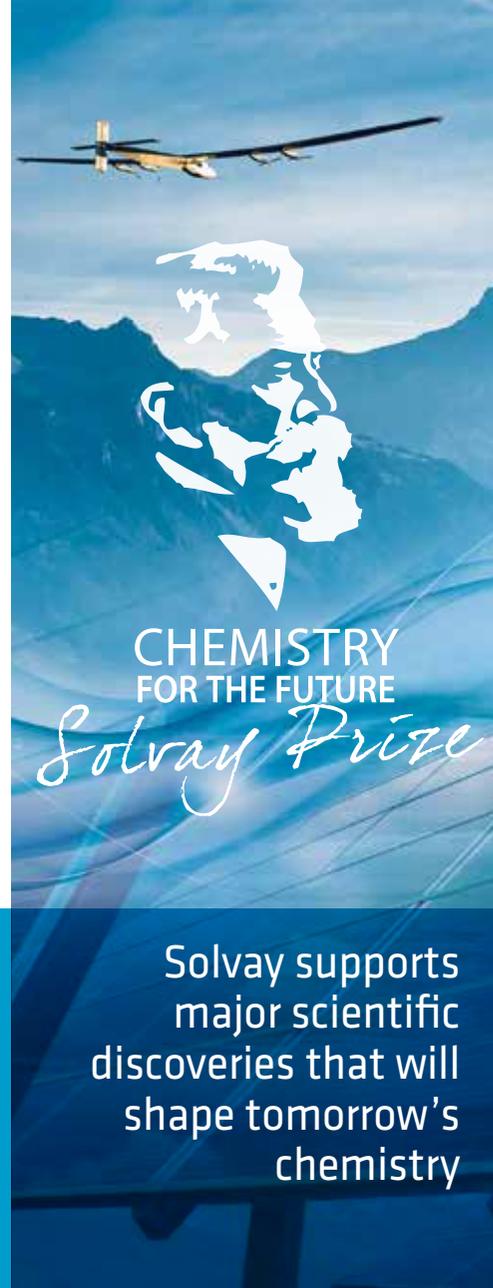
"Professor Schultz made multiple scientific contributions at the interface between chemistry and biology, in particular the exploitation of molecular diversity and the rational expansion of the genetic code of living organisms. His groundbreaking work is impacting many scientific fields, including biotechnology and medicine. It also has important implications for regenerative medicine, and the treatment of infectious disease, autoimmune disease and cancer."



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CHEMISTRY
FOR THE FUTURE

Solvay Prize

Solvay supports
major scientific
discoveries that will
shape tomorrow's
chemistry



Award
Ceremony
Brussels
Nov. 18, 2015

The Prize

The Chemistry for the Future Solvay Prize rewards a major scientific discovery that could shape tomorrow's chemistry and help human progress.

The prize perpetuates the strong support for scientific research given by the founder of the Solvay Group, Ernest Solvay. It is intended to endorse basic research and underline the essential role of chemistry, both as a science and an industry, in helping solve some of the most pressing issues the world is facing.

The €300,000 prize is awarded every two years.

In 2013, the inaugural Chemistry for the Future Solvay Prize was given to Professor Peter G. Schultz.

The next Chemistry for the Future Solvay Prize will be awarded on November 18, 2015 at Le Palais des Académies in Brussels, Belgium.



Solvay CEO Jean-Pierre Clamadieu (left) with Professor Peter G. Schultz at the 2013 award ceremony in Brussels.

Jury 2015



Front, left to right: Prof. Lehn, Prof. Wennerström, Prof. Ertl
Back, left to right: Dr. Maestro, Prof. Chaikin, Dr. Baekelmans, Prof. Dobson
Missing: Prof. Schultz

Håkan Wennerström, President of the jury, is Professor of theoretical and physical chemistry at the University of Lund, Sweden. He is a former chairman of the jury for the Nobel Prize in Chemistry.

Peter G. Schultz, Professor at the Scripps Research Institute in California, USA, and Director of the California Institute for Biomedical Research, was awarded the first Chemistry for the Future Solvay Prize.

Paul Chaikin, Professor of Physics at the New York University, USA, specializes in solid state physics, in particular soft matter.

Christopher Dobson, John Humphrey Plummer Professor of Chemical and Structural Biology at the University of Cambridge, and Master of St John's College, Cambridge, UK, is a specialist in protein folding and misfolding.

Gerhard Ertl, Professor emeritus at the Department of Physical Chemistry, Fritz-Haber-Institut der Max-Planck-Gesellschaft in Berlin, Germany, won the Nobel Prize in Chemistry for his studies of chemical processes on solid surface.

Jean-Marie Lehn, Professor at the Institut d'Etudes Avancées de l'Université de Strasbourg and Professor emeritus at the Collège de France in Paris. Lehn, an early innovator in the field of supramolecular chemistry, received the Nobel Prize in Chemistry for his synthesis of cryptands.

Patrick Maestro, member of the Académie des Technologies in France, Scientific Director of Solvay, was at the origin of the creation of several joint teams between Solvay, CNRS and universities worldwide.

Paul Baekelmans, Science Adviser to the Solvay Group, is Professor emeritus at the Université Libre de Bruxelles. He chairs the Conseil National de Chimie of the Académie des Sciences de Belgique.

Selection procedure

In a two-stage process, independent nominators first propose candidates whose achievements in the field of chemistry – including biochemistry, material sciences, soft matter, biophysics and chemical engineering – will shape the chemistry of the future.

The international jury then selects the winner of the Chemistry for the Future Solvay Prize from amongst the list of candidates.