Wolf Prize in Chemistry for K. C. Nicolaou and Stuart L. Schreiber

The Wolf Prizes are awarded annually by the Wolf Foundation in the areas of chemistry, mathematics, medicine, and physics for the sciences, and rotate between architecture, music, painting, and sculpture for the arts. The prizes are awarded "for achievements in the interest of mankind and friendly relations among peoples", and the total prize money in each field is $100 000. The winners of the 2016 Wolf Prize in Chemistry are K. C. Nicolaou (Rice University) and Stuart L. Schreiber (Harvard University), who was featured here when he won the American Chemical Society (ACS) Arthur C. Cope Award.[1]

K. C. Nicolaou was featured here when he was made a Foreign Member of the Royal Society.[2a] Nicolaou is the author who has published the most articles in *Angewandte Chemie*. He has recently reported in *Angewandte Chemie* on the synthesis of substituted amino- and methoxyphenolic anthraquinones,[2b] and in *ChemMedChem* on epothilone analogues.[2c] Nicolaou is on the boards of *Chemistry—An Asian Journal*, *Chemistry—A European Journal*, and *ChemistryOpen*, and was on the International Advisory Board of *Angewandte Chemie* from 1995–2013.

Israel Chemical Society Awards

The Israel Chemical Society (ICS) recently honored several distinguished scientists in its 2015 awards scheme. Those honored included **Gil Alexandrowicz** (Technion–Israel Institute of Technology) and **Rafal Klajn** (Weizmann Institute of Science), who was featured here when he was awarded the Liebig Lectureship,[3] joint winners of the ICS Excellent Young Scientist Prize; **Taleb Mokari** (Ben-Gurion University of the Negev), Tenne Family Prize in memory of Lea Tenne for Nanoscale Sciences; and **Amitai E. Halevi** (Technion–Israel Institute of Technology), Honorable Member of the Israel Chemical Society Award. We congratulate all the awardees and feature two of them here.

Zvi Rappoport (The Hebrew University of Jerusalem) and **Reshef Tenne** (Weizmann Institute of Science) are the winners of the ICS Gold Medal. Tenne studied at The Hebrew University of Jerusalem, where he completed his PhD (supervised by Arieh Ben-Naim) in 1976. After postdoctoral work with Erich Bergmann at the Battelle Institute, Geneva (1978–1979), he joined the Weizmann Institute in 1979, and has been emeritus professor there since 2014. Tenne's research interests include the synthesis and characterization of inorganic nanotubes and fullerene-like nanoparticles. He has reported in *Angewandte Chemie* on lanthanide-based functional misfit-layered nanotubes,[4a] and is co-author of a report in *Chemistry—An Asian Journal* on the deposition of palladium nanoparticles on WS_2 nanotubes.[4b] Tenne is on the editorial or advisory boards of *Advanced Functional Materials*, *ChemistryOpen*, the *Israel Journal of Chemistry*, and *Particle & Particle Systems Characterization*.

Moshe Kol (Tel Aviv University) is the winner of the ICS–ICL Prize for Technological Innovation. Kol studied at Tel Aviv University, where he worked with Shlomo Rozen for his PhD (awarded in 1991). From 1992–1993, he carried out postdoctoral work with Richard R. Schrock at the Massachusetts Institute of Technology, and he subsequently returned to Tel Aviv University to start his independent career, and was made professor in 2006. Kol's research focuses on the design of well-defined metal complexes and their applications as catalysts for stereoselective polymerization of α-olefins and cyclic esters. He has reported in *Angewandte Chemie* on salalen titanium catalysts for the production of highly isotactic polypropylene,[5a] and on chiral salan aluminum catalysts for the formation of highly heterotactic poly(lactic acid).[5b] Kol is on the International Advisory Board of the *European Journal of Inorganic Chemistry*.

Pittcon 2016 Award Winners

Several outstanding researchers in the area of analytical chemistry have been recognized with the Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy (Pittcon) Awards. We feature a selection of the awardees here.

Sanford A. Asher (University of Pittsburgh) has been honored with the Pittsburgh Analytical Chemistry Award. Asher studied at the University of Missouri, St. Louis, and worked with Kenneth Sauer at the University of California, Berkeley, for his PhD, which he completed in 1977. From 1977–1980, he was a research fellow with Peter Pershan at Harvard University, and in 1980, he joined the faculty at the University of Pittsburgh, where he is currently Distinguished Professor of Chemistry. Asher's research program involves the development of UV resonance raman spectroscopic techniques as well as the fabrication of new photonic crystal optical devices and smart hydrogel materials for chemical sensing. He has reported in *Angewandte Chemie* on the fabrication of large-area two-dimensional colloidal crystals,[6a] and on photonic crystal protein hydrogel sensors.[6b]

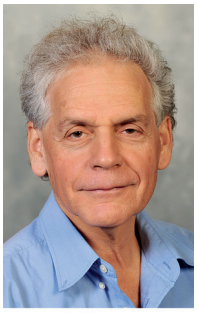
David R. Walt (Tufts University) is the recipient of the Ralph N. Adams Award. Walt was featured here when he won the Pittsburgh Analytical Chemistry Award.[7]

Awarded ...


S. L. Schreiber


K. C. Nicolaou


R. Klajn


R. Tenne


M. Kol


S. A. Asher


D. R. Walt


J. Popp


S. Mukamel


R. White

Jürgen Popp (University of Jena) is the winner of the Pittsburgh Spectroscopy Award. Popp studied at the University of Würzburg, where he completed his PhD (supervised by Wolfgang Kiefer) in 1995. He carried out postdoctoral work with Richard Kounai Chang at Yale University (1996), and subsequently returned to the University of Würzburg as a research associate, and completed his habilitation in 2000. He was made professor at the University of Jena in 2002 and Scientific Director of the Leibniz Institute of Photonic Technology in 2006. Popp's research is in the area of biophotonics, in particular the development and application of linear and nonlinear Raman techniques with a focus in point-of-care analysis and clinical diagnosis. He has reported in *ChemPhysChem* on the use of vibrational spectroscopy to elucidate CO-release kinetics,[8a] and on a Raman-compatible chip for the isolation of pathogens.[8b] Popp is the Editor-in-Chief of the *Journal of Biophotonics* and Associate Editor of the *Journal of Raman Spectroscopy*, and was on the Editorial Advisory Board of *ChemPhysChem* from 2004–2014.

Shaul Mukamel (University of California, Irvine) is the recipient of the Coblentz Society/ABB–Bomem-Michelson Award. Mukamel was featured here when he was elected to the National Academy of Sciences.[9] Mukamel is on the Editorial Advisory Board of *ChemPhysChem*.

Ryan White (University of Maryland) is the winner of the SEAC–Royce W. Murray Award. White studied at the University of North Carolina, Chapel Hill, and was awarded his PhD in 2007 for work supervised by Henry S. White at the University of Utah. From 2007–2011, he was a postdoctoral fellow with Kevin W. Plaxco at the University of California, Santa Barbara, and reported in *Angewandte Chemie* on the detection of single-nucleotide mismatches.[10] He started his independent career at the University of Maryland in 2011. White and his research group are interested in the development of bioinspired electroanalytical tools that use functional nucleic acids and biological nanopores to study biological systems.

[1] *Angew. Chem. Int. Ed.* **2014**, *53*, 2806; *Angew. Chem.* **2014**, *126*, 2846.

[2] a) *Angew. Chem. Int. Ed.* **2013**, *52*, 7071; *Angew. Chem.* **2013**, *125*, 7209; b) K. C. Nicolaou, M. Lu, P. Chen, A. A. Shah, *Angew. Chem. Int. Ed.* **2015**, *54*, 12687; *Angew. Chem.* **2015**, *127*, 12878; c) K. C. Nicolaou, D. Rhoades, Y. Wang, S. Totokotsopoulos, R. Bai, E. Hamel, *ChemMedChem* **2015**, *10*, 1974.

[3] *Angew. Chem. Int. Ed.* **2015**, *54*, 12208; *Angew. Chem.* **2015**, *127*, 12376.

[4] a) L. S. Panchakarla, R. Popovitz-Biro, L. Houben, R. E. Dunin-Borkowski, R. Tenne, *Angew. Chem. Int. Ed.* **2014**, *53*, 6920; *Angew. Chem.* **2014**, *126*, 7040; b) B. Višić, H. Cohen, R. Popovitz-Biro, R. Tenne, V. I. Sokolov, N. V. Abramova, A. G. Buyanovskaya, S. L. Dzvonkovskii, O. L. Lependina, *Chem. Asian J.* **2015**, *10*, 2234.

[5] a) K. Press, A. Cohen, I. Goldberg, V. Venditto, M. Mazzeo, M. Kol, *Angew. Chem. Int. Ed.* **2011**, *50*, 3529; *Angew. Chem.* **2011**, *123*, 3591; b) K. Press, I. Goldberg, M. Kol, *Angew. Chem. Int. Ed.* **2015**, *54*, 14858; *Angew. Chem.* **2015**, *127*, 15071.

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[7] *Angew. Chem. Int. Ed.* **2013**, *52*, 5213; *Angew. Chem.* **2013**, *125*, 5321.

[8] a) S. Pahlow, S. Kloß, V. Blättel, K. Kirsch, U. Hübner, D. Cialla, P. Rösch, K. Weber, J. Popp, *ChemPhysChem* **2013**, *14*, 3600; b) M. Klein, U. Neugebauer, M. Schmitt, J. Popp, *ChemPhysChem* **2016**, DOI: 10.1002/cphc.201501062.

[9] a) *Angew. Chem. Int. Ed.* **2015**, *54*, 7478; *Angew. Chem.* **2015**, *127*, 7586.

[10] a) Y. Xiao, K. J. I. Plakos, X. Lou, R. J. White, J. Qian, K. W. Plaxco, H. T. Soh, *Angew. Chem. Int. Ed.* **2009**, *48*, 4354; *Angew. Chem.* **2009**, *121*, 4418; b) K. Hsieh, R. J. White, B. S. Ferguson, K. W. Plaxco, Y. Xiao, H. T. Soh, *Angew. Chem. Int. Ed.* **2011**, *50*, 11176; *Angew. Chem.* **2011**, *123*, 11372.

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In this section, we report on various awards for chemists who are closely connected with *Angewandte Chemie* and its sister journals as authors, referees, or board members.