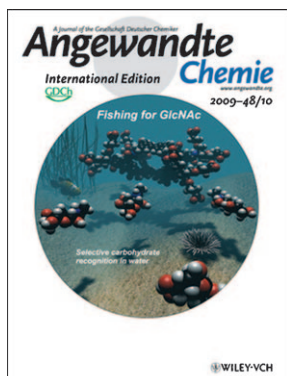




A. P. Davis

The author presented on this page has recently published his **10th article** since 2000 in *Angewandte Chemie*:
 “A Synthetic Lectin for β -Glucosyl”: N. P. Barwell, M. P. Crump, A. P. Davis, *Angew. Chem.* **2009**, *121*, 7809–7812; *Angew. Chem. Int. Ed.* **2009**, *48*, 7673–7676.



A. P. Davis has been featured on the Inside Cover of *Angewandte Chemie*:
 “A Synthetic Lectin for O-Linked β -N-Acetylglucosamine”: Y. Ferrand, E. Klein, N. P. Barwell, M. P. Crump, J. Jiménez-Barbero, C. Vicent, G. J. Boons, S. Ingale, A. P. Davis, *Angew. Chem.* **2009**, *121*, 1807–1811; *Angew. Chem. Int. Ed.* **2009**, *48*, 1775–1779.

Anthony P. Davis

Date of birth:	August 27 th , 1954
Position:	Professor of Supramolecular Chemistry, University of Bristol (UK)
Education:	1973–1977 University of Oxford (UK) 1977–1979 D. Phil. with Dr. G. H. Whitham, University of Oxford 1979–1981 Postdoc with Prof. J. E. Baldwin, University of Oxford 1981–1982 Royal Society European Exchange Fellowship with Prof. A. Eschenmoser, ETH Zürich
Professional associations:	1982–2000 Trinity College Dublin (Ireland) 2000–Present University of Bristol
Awards:	2002/3 Royal Society of Chemistry Tilden Lectureship, 2003 Abbott Laboratories Distinguished Lecturer
Current research interests:	Synthetic supramolecular chemistry, especially with relevance to biology: biomimetic carbohydrate receptors (“synthetic lectins”), anion receptors, anion transport across cell membranes, and steroid-based nanoporous crystals
Hobbies:	Cycling, walking, reading

The secret of being a successful scientist is ... to have co-workers who are better than you ever were.

My favorite subject at school was ... chemistry.

In my spare time I ... read history books and try to get some exercise.

When I was eighteen I wanted to be ... an academic in an ivory tower (so much for that).

When I wake up I ... usually go back to sleep again.

The most significant scientific advance of the last 100 years has been ... the structure of DNA and the understanding that followed.

The biggest problem that scientists face is ... sustainable energy.

My most exciting discovery to date has been ... organic molecules that bind carbohydrates in water.

In ten years time I will be ... trying to avoid retirement.

If I could go back in time and do any experiment, it would be ... the double-slit experiment with single photons.

My favorite piece of music is ... J. S. Bach’s double violin concerto, especially the slow movement.

My worst habit is ... staring out of my office window (the view is great).

The biggest challenge facing chemists is ... understanding the origin of life.

The part of my job which I enjoy the most is ... hearing that a key experiment has worked.

My favorite musician is ... Amy Winehouse.

My 5 top papers:

1. “New ‘Cholapod’ Anionophores; High-Affinity Halide Receptors Derived from Cholic Acid”: A. J. Ayling, M. N. Pérez-Payán, A. P. Davis, *J. Am. Chem. Soc.* **2001**, *123*, 12716–12717.
2. “Chloride Transport Across Vesicle and Cell Membranes by Steroid-Based Receptors”: A. V. Koulov, T. N. Lambert, R. Shukla, M. Jain, J. M. Boon, B. D. Smith, H. Li, D. N. Sheppard, J.-B. Joos, J. P. Clare, A. P. Davis, *Angew. Chem.* **2003**, *115*, 5081–5083; *Angew. Chem. Int. Ed.* **2003**, *42*, 4931–4933.
3. “Carbohydrate Recognition in Water by a Tricyclic Polyamide Receptor”: E. Klein, M. P. Crump, A. P. Davis, *Angew. Chem.* **2005**, *117*, 302–306; *Angew. Chem. Int. Ed.* **2005**, *44*, 298–302.
4. “A Synthetic Lectin Analog for Biomimetic Disaccharide Recognition”: Y. Ferrand, M. P. Crump, A. P. Davis, *Science* **2007**, *318*, 619–622.
5. “A Synthetic Lectin for O-Linked β -N-Acetylglucosamine”: Y. Ferrand, E. Klein, N. P. Barwell, M. P. Crump, J. Jiménez-Barbero, C. Vicent, G. J. Boons, S. Ingale, A. P. Davis, *Angew. Chem.* **2009**, *121*, 1807–1811; *Angew. Chem. Int. Ed.* **2009**, *48*, 1775–1779.

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