



B. G. Davis

The author presented on this page has recently published his **10th article** since 2000 in *Angewandte Chemie*:
 “High-Purity Discrete PEG-Oligomer Crystals Allow Structural Insight”: A. C. French, A. L. Thompson, B. G. Davis, *Angew. Chem.* **2009**, 121, 1274–1278; *Angew. Chem. Int. Ed.* **2009**, 48, 1248–1252.



B. G. Davis has featured on the cover of *Angewandte Chemie*:
 “Discovery of a Glycosynthase-Catalyst for Synthesis of Flavonoid Glycosides”: M. Yang, G. J. Davies, B. G. Davis, *Angew. Chem.* **2007**, 119, 3845; *Angew. Chem. Int. Ed.* **2007**, 46, 3771.

Benjamin G. Davis

Date of birth:	August 8, 1970
Nationality:	British
Position:	Professor of Chemistry and Fellow of Pembroke College
Education:	1978–1988 Nottingham High School 1988–1993 Keble College, University of Oxford 1993–1996 PhD with George Fleet and Colin Smith, University of Oxford 1996–1998 Postdoctoral Fellow with J. Bryan Jones, University of Toronto
Professional associations:	1998–2001 University of Durham 2001–Present University of Oxford
Selected awards:	1999 RSC Meldola Prize, 2000 Mitzutani Foundation for Glycoscience Award, AstraZeneca Strategic Research Fund Award, 2001 RSC Carbohydrate Chemistry Award, 2002 Phillip Leverhulme Prize for Biochemistry and Molecular Biology, 2005 Royal Society Mullard Award, RSC Corday–Morgan Prize, 2008 ACS Horace S. Isbell Award in Carbohydrate Chemistry, 2009 Novartis Chemistry Lectureship, Carbohydrate Research Award for Creativity in Carbohydrate Chemistry
Current research interests:	The chemistry, chemical biology and biotechnology of carbohydrates and proteins. Organic synthesis and methodology, inhibitor design, biocatalysis, enzyme mechanism, protein engineering, drug delivery, molecular biology and in vivo science, synthetic biology, chemical medicine
Hobbies:	Rowing, running, skiing, modern art, music

When I wake up I...row.

When I was eighteen I wanted to be...Morrissey.

If I could be anyone for a day, I would be...Tony Benn.

If I could have dinner with three famous scientists from history, they would be...Emil Fischer, Isaac Newton, and Ray Lemieux.

The three things I would take to a desert island would be...the Complete Works of Shakespeare, Heart and Soul (the Complete Works of Joy Division), and an ergometer (erg).

If I could be a piece of lab equipment, I would be...a TLC plate.

My favorite food is...bread.

My biggest inspiration is...beauty.

My top three films of all time are...(at the moment) *Bladerunner*, *Donnie Darko*, and *Withnail and I*.

My favorite author (fiction) is...Ian McEwan or Flann O'Brien.

The best advice I have ever been given is...“You should smile more, young man” (B. Clough).

The worst advice I have ever been given was...“There is no such thing as society” (M. Thatcher).

My 5 top papers:

1. “LEAPT: Lectin-Directed Enzyme Activated Prodrug Therapy”: M. A. Robinson, S. T. Charlton, S. S. Davis, A. C. Perkins, M. Frier, R. Duncan, T. J. Savage, D. A. Wyatt, B. G. Davis, *Proc. Natl. Acad. Sci. USA* **2004**, 101, 14527.
2. “Probing the Breadth of Macrolide Glycosyltransferases: In vitro Remodeling of a Polyketide Antibiotic Creates Active Bacterial Uptake and Enhances Potency”: M. Yang, M. R. Proctor, D. N. Bolam, J. C. Errey, R. A. Field, H. J. Gilbert, B. G. Davis, *J. Am. Chem. Soc.* **2005**, 127, 9336–9337.
3. “Expanding the Diversity of Chemical Protein Modification Allows Post-Translational Mimicry”: S. I. van Kasteren, H. O. Kramer, H. H. Jensen, S. J. Campbell, N. J. Oldham, D. C. Anthony, B. G. Davis, *Nature* **2007**, 446, 1105–1110.
4. “Allyl Sulfides are Privileged Substrates in Aqueous Cross-Metathesis: Application to Site-Selective Protein Modification”: Y. A. Lin, J. M. Chalker, N. Floyd, G. J. L. Bernardes, B. G. Davis, *J. Am. Chem. Soc.* **2008**, 130, 9642–9643.
5. “Glyconanoparticles Allow Pre-symptomatic In Vivo Imaging of Brain Disease”: S. I. van Kasteren, S. J. Campbell, S. Serres, D. C. Anthony, N. R. Sibson, B. G. Davis, *Proc. Natl. Acad. Sci. USA* **2009**, 106, 18–23.

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