

Timothy J. Donohoe

Date of birth:	January 28th, 1967
Position:	Professor of Chemistry and Fellow of Magdalen College
Education:	1983–1985 Hutton Grammar School 1985–1989 University of Bath 1989–1992 DPhil with S. G. Davies, University of Oxford (UK) 1992–1994 Postdoc with P. D. Magnus, University of Texas at Austin (USA)
Professional associations:	1994–2001 University of Manchester 2001–present University of Oxford
Awards:	2007 1st “Young Heterocyclic Chemist Lecture” at the RSC Eighteenth Lakeland Heterocyclic Symposium, Grasmere; 2006 Royal Society of Chemistry, Corday–Morgan Medal; 2002 AstraZeneca Research Award in Organic Chemistry; 2001 Novartis Young Investigator Award; 2000 Pfizer Academic Award; 1998 GlaxoWellcome Award for Innovative Chemistry
Current research interests:	Oxidation and reduction, catalysis, metathesis, carbohydrates, heterocycles and their applications to natural-products synthesis
Hobbies:	Squash, reading, golf, Liverpool FC



T. J. Donohoe

If I could be anyone for a day, I would be ... Barack Obama.

The secret of being a successful scientist is ... dedication, integrity and hard work.

My favorite subject at school was ... Chemistry.

If I could have dinner with three famous scientists from history, they would be ... Linus Pauling, Robert Woodward, and Robert Robinson.

The most exciting thing about my research is ... developing a new synthetic method and then showing that it can make the synthesis of complex molecules much more efficient.

My biggest motivation is ... to be the best that I can be.

In my spare time I ... spend time with my wonderful family—my wife Ann and my two sons Joshua and Jacob.

The best advice I have ever been given is ... “Remember Tim, being smart is not enough.” (S. Denmark).

I would have liked to have discovered ... the Woodward–Hoffmann orbital symmetry rules.

A good work day begins with ... I love the smell of coffee in the morning.

My favorite food is ... sea bass, preferably eaten in my favorite restaurant at Porthminster beach, St. Ives.

My favorite book is ... “The Illiad”, Homer (translation by E. V. Rieu).

The biggest challenge facing chemists is ... persuading nonscientists just how important chemistry is to the success of our society.

My 5 top papers:

1. “An Efficient Synthesis of Lactacysin β -Lactone”: T. J. Donohoe, L. Sisangia, H. O. Sintim, J. D. Harling, *Angew. Chem.* **2004**, *116*, 2343–2346; *Angew. Chem. Int. Ed.* **2004**, *43*, 2293–2296.
2. “Total Synthesis of (+)-*cis*-Sylvaticin: Double Oxidative Cyclization Reactions Catalyzed by Osmium”: T. J. Donohoe, R. M. Harris, J. Burrows, J. Parker, *J. Am. Chem. Soc.* **2006**, *128*, 13704–13705.
3. “N-Sulfonyloxy Carbamates as Reoxidants for the Tethered Aminohydroxylation Reaction”: T. J. Donohoe, M. J. Chughtai, D. J. Klauber, D. Griffin, A. D. Campbell, *J. Am. Chem. Soc.* **2006**, *128*, 2514–2515.
4. “Synthesis of (–)-(Z)-Deoxypukalide”: T. J. Donohoe, A. Ironmonger, N. M. Kershaw, *Angew. Chem.* **2008**, *120*, 7424–7426; *Angew. Chem. Int. Ed.* **2008**, *47*, 7314–7316.
5. “Pyridine-N-Oxide as a Mild Reoxidant Which Transforms Osmium-Catalyzed Oxidative Cyclization”: T. J. Donohoe, K. M. P. Wheelhouse, P. J. Lindsay-Scott, P. A. Glossop, I. A. Nash, J. S. Parker, *Angew. Chem.* **2008**, *120*, 2914–2917; *Angew. Chem. Int. Ed.* **2008**, *47*, 2872–2875.

The author presented on this page has recently published his **10th article** since 2000 in *Angewandte Chemie*: “Synthesis of (–)-Hygromycin A: Application of Mitsunobu Glycosylation and Tethered Aminohydroxylation”: T. J. Donohoe, A. Flores, C. J. Bataille, F. Churrua, *Angew. Chem.* **2009**, DOI: 10.1002/ange.200902840; *Angew. Chem. Int. Ed.* **2009**, DOI: 10.1002/anie.200902840.

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