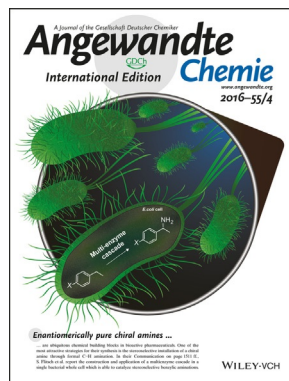




N. J. Turner

The author presented on this page has published more than **10 articles** in *Angewandte Chemie* in the last 10 years, most recently: "Whole-Cell Biocatalysts for Stereoselective C–H Amination Reactions": P. Both, H. Busch, P. P. Kelly, F. G. Mutti, N. J. Turner, S. L. Flitsch, *Angew. Chem. Int. Ed.* **2016**, 55, 1511; *Angew. Chem.* **2016**, 128, 1533. This article was also featured on the inside cover of *Angewandte Chemie*:



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Education:	1982 BSc, University of Bristol 1985 DPhil supervised by Professor Sir Jack Baldwin, University of Oxford 1986–1987 Royal Society Junior Research Fellow with Professor George Whitesides, Harvard University
Awards:	2004 Biocat Award, International Conference on Biocatalysis; 2007 AZ/GSK/Pfizer UK Prize for Process Chemistry Research; 2009 Industrial Organic Chemistry Award, Royal Society of Chemistry; 2011 Royal Society Wolfson Research Merit Award
Current research interests:	Design and applications of biocatalysts with tailored properties, particularly broad substrate specificity and exquisite enantioselectivity.
Hobbies:	Cooking, running, studying nature, reading

My favorite author (fiction) is Ian McEwan.

My favorite food is Sushi.

My top three films of all time are *Breakfast at Tiffany's*, *Jaws*, *The Deer Hunter*.

In retrospect I would never again let John Terry take a penalty in the Champions League final (assuming I was manager of Chelsea F.C.).

My favorite piece of music is Bruch's 1st violin concerto.

My favorite quote is "the moving finger writes; and, having writ, moves on: nor all thy Piety nor Wit Shall lure it back to cancel half a Line, Nor all thy Tears wash out a Word of it." (The Rubáiyát of Omar Khayyam).

If I could have dinner with three famous scientists from history, they would be Charles Darwin, Michael Faraday, and Marie Curie.

And I would ask them to take me on as a co-worker—particularly Charles Darwin—I would love to know how he developed his ideas for the *Origin of the Species*.

My favorite place on earth is Rubha Hunish on the Isle of Skye.

If I were not a scientist, I would be a novelist (in my dreams).

I can never resist having bets with my two sons on the outcome of sporting events.

My 5 top papers:

1. "Deracemization of α -Methylbenzylamine Using an Enzyme Obtained by In Vitro Evolution": M. Alexeeva, A. Enright, M. J. Dawson, M. Mahmoudian, N. J. Turner, *Angew. Chem. Int. Ed.* **2002**, 41, 3177; *Angew. Chem.* **2002**, 114, 3309. (Our first publication on the directed evolution of an enzyme.)
2. "Enantioselective Biocatalytic Oxidative Desymmetrization of Substituted Pyrrolidines": V. Köhler, K. R. Bailey, A. Znabet, J. Raftery, M. Helliwell, N. J. Turner, *Angew. Chem. Int. Ed.* **2010**, 49, 2182; *Angew. Chem.* **2010**, 122, 2228. (Monoamine oxidase N can be used to prepare a key building block of the drug telaprevir for hepatitis C.)
3. "Glycoprotein Labeling Using Engineered Variants of Galactose Oxidase Obtained by Directed Evolution": J. B. Rannes, A. Ioannou, S. C. Willies, G. Grogan, C. Behrens, S. L. Flitsch, N. J. Turner, *J. Am. Chem. Soc.* **2011**, 133, 8436. (An interesting application of an engineered biocatalyst for labeling of glycoproteins and cells.)
4. "Engineering an Enantioselective Amine Oxidase for the Synthesis of Pharmaceutical Building Blocks and Alkaloid Natural Products": D. Ghislieri, A. P. Green, M. Pontini, S. C. Willies, I. Rowles, A. Frank, G. Grogan, N. J. Turner, *J. Am. Chem. Soc.* **2013**, 135, 10863. (Biocatalysts can be engineered to have broad applications in natural product and drug synthesis.)
5. "Conversion of Alcohols to Enantiopure Amines Through Dual Enzyme Hydrogen-Borrowing Cascades": F. G. Mutti, T. Knaus, N. S. Scrutton, M. Breuer, N. J. Turner, *Science*, **2015**, 349, 1525. (We were inspired by synthetic chemists to generate this biocatalytic method.)

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