



H. W. Lam

The author presented on this page has recently published his **10th article** in *Angewandte Chemie* in the last 10 years:

"The Isomerization of Allylrhodium Intermediates in the Rhodium-Catalyzed Nucleophilic Allylation of Cyclic Imines": H. B. Hepburn, H. W. Lam, *Angew. Chem. Int. Ed.* **2014**, *53*, 11605–11610; *Angew. Chem.* **2014**, *126*, 11789–11794.

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Position: GSK Professor of Sustainable Chemistry, School of Chemistry, University of Nottingham
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Education: 1994–1998 MChem, University of Oxford
 1998–2001 PhD with Gerald Pattenden, University of Nottingham
 2002–2003 Postdoctoral research with David A. Evans, Harvard University
Awards: **2008** Royal Society of Chemistry (RSC) Meldola Medal and Prize; **2011** RSC Hickinbottom Award; **2011** AstraZeneca Excellence in Chemistry Award
Research: Organic synthesis and catalysis; enantioselective catalysis; catalytic C–H functionalization
Hobbies: Playing tennis; growing chili peppers

I admire ... creative people.

My favorite saying is ... "Too much analysis leads to paralysis".

In a spare hour, I ... try to improve at the online 8 ball pool game I play.

My favorite time of day is ... the hour before I fall asleep, when I can truly unwind.

I get advice from ... my wife.

My favorite way to spend a holiday is ... enjoying the delights of the local cuisine with my family.

The secret of being a successful scientist is ... to hire intelligent co-workers and not get in the way of them creating magic.

The principal aspect of my personality is ... modesty.

The natural talent I would like to be gifted with ... is learning new languages quickly.

I am waiting for the day when someone will discover ... teleportation and time travel.

The biggest challenge facing scientists is ... not getting stuck in a cycle of doing essentially the same thing over and over again (easier said than done).

Science is fun because ... if you are lucky, you get to discover something totally unexpected.

Looking back over my career, I ... wish I knew then what I know now.

My favorite drink is ... Earl Grey tea.

My 5 top papers:

1. "Enantioselective Rhodium-Catalyzed Nucleophilic Allylation of Cyclic Imines with Allylboron Reagents": Y. Luo, H. B. Hepburn, N. Chotsaeng, H. W. Lam, *Angew. Chem. Int. Ed.* **2012**, *51*, 8309–8313; *Angew. Chem.* **2012**, *124*, 8434–8438. (To the best of our knowledge, the first reported enantioselective rhodium-catalyzed additions of allylboron reagents to π electrophiles.)
2. "Catalytic 1,4-Rhodium(III) Migration Enables 1,3-Enynes to Function as One-Carbon Oxidative Annulation Partners in C–H Functionalizations": D. J. Burns, H. W. Lam, *Angew. Chem. Int. Ed.* **2014**, *53*, 9931–9935; *Angew. Chem.* **2014**, *126*, 10089–10093. (This alkenyl-to-allyl migration allows access to electrophilic π -allylrhodium(III) species.)
3. "Catalyst-Controlled Divergent C–H Functionalization of Unsymmetrical 2-Aryl Cyclic 1,3-Dicarbonyl Compounds with Alkynes and Alkenes": J. D. Dooley, S. Reddy Chidipudi, H. W. Lam, *J. Am. Chem. Soc.* **2013**, *135*, 10829–10836. (Product selectivity is achieved through catalyst control.)
4. "Enantioselective Rhodium-Catalyzed Addition of Arylboronic Acids to Alkenylheteroarenes": G. Pattison, G. Piroux, H. W. Lam, *J. Am. Chem. Soc.* **2010**, *132*, 14373–14375. (The use of C=N-containing azaarenes as activating groups for catalytic enantioselective 1,4-arylations.)
5. "Enantioselective Synthesis of Allylboronates and Allylic Alcohols by Copper-Catalyzed 1,6-Boration": Y. Luo, I. D. Roy, A. G. E. Madec, H. W. Lam, *Angew. Chem. Int. Ed.* **2014**, *53*, 4186–4190; *Angew. Chem.* **2014**, *126*, 10089–10093. (These reactions work using quite low catalyst loadings, and the chemistry was used in a synthesis of atorvastatin.)

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