



Prof. Magnus Ingelman-Sundberg, PhD; BSc.Med

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Professor of Molecular Toxicology since 1996 and research group leader in Pharmacogenetics at the Department of Physiology and Pharmacology, Karolinska Institutet since 2006.

Academic honors, awards and prizes

- More than 420 original papers, 22 000 citations (32 000 in Google Scholar) and an h-factor of 82 (ISI) or 94 (Google Scholar). Member of *The Nobel Assembly at Karolinska Institutet* since 2008 and member of *Faculty of 1000 Biology* since 2006. Member of Editorial Advisory Boards of e.g. *Trends in Pharmacological Sciences*, *Pharmacogenetics and Genomics*, *Pharmacogenomics*, *Drug Metabolism Reviews*, *Drug Metabolism and Disposition*. Chairman of the Microsomes and Drug Oxidation International Advisory Committee, mdo.ki.se.
- Ranked as the 3rd „highest impact“ researcher of 4,000 in the field of drug metabolism (cytochrome.net) and one of the world's most cited authors within the category Pharmacology (<http://isihighlycited.com/>). Recently categorized by Thomson Reuters as one of the World's Most Influential Scientific Minds ([http:// sciencewatch.com/sites/sw/files/sw-article/media/worlds-most-influential-scientific-minds-2014.pdf](http://sciencewatch.com/sites/sw/files/sw-article/media/worlds-most-influential-scientific-minds-2014.pdf)) based on recent (2002-2012) citations.
- Main supervisor to a PhD degree for 29 postgraduate students, postdoctoral training for 25 PhDs. The research group ranked as outstanding in Karolinska Institutet's External Research Assessment (ERA) in 2010.
- Awards include The Svedberg Price, The Swedish Society for Biochemistry and Molecular Biology 1989; Honorary member of The American Society for Biochemistry and Molecular Biology 1990; The Gerhard B Zbinden Lecture Award, EUROTOX 1996; The ISSX European Scientific Achievement Award 2003; The Bengt Danielsson Prize, The Swedish Academy of Pharmaceutical Sciences 2008; The John G Warner Pfizer Lectureship in Pharmaceutical Sciences, University of Michigan, USA 2011.
- Interview with Magnus Ingelman-Sundberg. *Trends Pharmacol Sci.* 2015;36:65-7.

Selected references:

1. Ingelman-Sundberg M. Pharmacogenomic biomarkers for prediction of severe adverse drug reactions. *N Engl J Med.* 2008;358:637-9.
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3. Ivanov M, Kals M, Kacevska M, Barragan I, Kasuga K, Rane A, Metspalu A, Milani L, Ingelman-Sundberg M. Ontogeny, distribution and potential roles of 5-hydroxymethylcytosine in human liver function. *Genome Biol.* 2013 Aug 19;14(8):R83.
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5. Ivanov M, Barragan I, Ingelman-Sundberg M. Epigenetic mechanisms of importance for drug treatment. *Trends Pharmacol Sci.* 2014 Aug;35(8):384-96