

Stephen Senn: Statistical Consultancy for the Pharmaceutical Industry

Mini-Bio: Stephen Senn is a consultant statistician in Edinburgh. His expertise is in statistical methods for drug development and statistical inference. He consults extensively for the pharmaceutical industry in the UK, Europe and the USA on: planning of clinical trials and drug development programmes, project evaluation and prioritization, regulatory advice and representation, data safety monitoring board advice, specialist analyses, and statistical training. Stephen Senn has worked as a statistician but also as an academic in various positions in Switzerland, Scotland, England and Luxembourg. From 2011-2018 he was head of the Competence Center for Methodology and Statistics at the Luxembourg Institute of Health in Luxembourg. Prior to that, he was a Professor in Statistics at the University of Glasgow (2003) and University College London (1995-2003). He received the George C Challis Award of the University of Florida for contributions to biostatistics, 2001 and the PSI Award for most interesting speaker in 25 years of PSI in 2002. In 2009, he was awarded the Bradford Hill Medal of the Royal Statistical Society. In 2017 he gave the Fisher Memorial Lecture. He is an honorary life member of PSI and ISCB. (Here are some useful links: his [homepage](#), another page with links to [blogs](#) and web papers, and an [Interview](#) by CYTEL (on randomization, with some bio details, and his Bad Pharma Post with video & opinion article.)

SELECTED PUBLICATIONS:

- Senn, SJ, *Cross-over Trials in Clinical Research*, Wiley: Chichester, 2002.
- Senn, SJ, *Dicing with Death*, Cambridge University Press: Cambridge, 2003.
- Senn, SJ, *Statistical Issues in Drug Development*, Wiley: Hoboken, 2007.
- Senn SJ, Added Values: Controversies concerning randomization and additivity in clinical trials. *Statistics in Medicine* 2004; **23**: 3729-3753.
- Senn, SJ, [Three things every medical writer should know about statistics](#). *The Write Stuff*, 2009. **18**(3): p. 159-162.
- Senn SJ, Consensus and controversy in pharmaceutical statistics (with discussion). *Statistician* 2000, **49**:135–176.
- Senn, SJ, Comment on “Harold Jeffreys’s Theory of Probability Revisited”. *Statistical Science*, 2009, **24**(2): 185-186.
- Senn, SJ, (2011), [“You May Believe You Are a Bayesian But You Are Probably Wrong”](#) (*RMM*), 2011, **2**: 48–66.