

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 [webpage](#), an [Interview](#) by CYTEL (on randomization, with some bio details, and his Bad Pharma [Post](#) with video & opinion article.)

BOOKS: ([On line publications list](#))

- (1993, 2002). *Cross-over Trials in Clinical Research*, John Wiley & Sons.
- (1997, 2007). *Statistical Issues in Drug Development*, John Wiley & Sons.
- (2003). *Dicing with Death*, Cambridge University Press.
- (2011) *Simplicity, Complexity and Modelling*, John Wiley & Sons.

ARTICLES:

- (2001). *Individual Therapy: [New Dawn or False Dawn](#)*. Drug Information Journal **35**(4): 1479-1494.
- (2004). Individual response to treatment: is it a valid assumption? *BMJ* **329**(7472): 966-68.
- ([2011](#)) You May Believe You Are a Bayesian But You Are Probably Wrong.
- (2016) Mastering variation: variance components and personalised medicine. *Statistics in Medicine* **35**(7):966-77.
- ([2018](#)) Comment: Statistical pitfalls of personalized medicine *Nature* 563: 619-621.

Research projects: **Leader of one of the work packages on the [EU FP7 IDEAL project](#) for developing treatments in rare diseases, Statistical methods in meta-analysis, Statistical methods in design and analysis of clinical trials, Decision analysis in drug development**, Lead investigator on the [EPSRC Simplicity, Complexity and Modelling project](#)