



**List of ISCB Courses**

- Design and analysis of studies with incomplete data
- Smoothing and generalised additive models
- Event history analysis
- Introduction to genetic epidemiology
- Adaptive and sequential procedures for clinical trials
- Methods of interval censored data
- Issues and controversies in data analysis
- Sequential Monitoring: Practical implementation of sequential designs for phase III clinical trials
- Coping with missing outcome data
- Essentials of clinical trials
- Statistical validation of surrogate endpoints in clinical trials
- Multi-state modelling
- Statistical methods for planning and analysis of equivalence / non-inferiority trials
- Analysis of multivariate survival data
- Statistical refereeing for medical journals
- Analysis of quality of life studies in clinical trials
- Analysis of non-compliance in clinical trials
- Spatial epidemiology
- R for biostatistics
- Sample sizes for clinical trials with continuous data
- An introduction to the role and applicability of data mining in drug development
- Assessment of predictive performance by cross-validation and bootstrapping, with applications to high dimensional data
- The use of fractional polynomials in regression modelling
- Methods for life course epidemiology
- Missing data in clinical trials - a practical guide
- Genetic Association Studies
- Adaptive designs
- Discrete longitudinal data.
- Bayesian methods for biostatistical applications
- Non-inferiority studies.
- Sequential clinical trials
- Design and analysis of cluster randomised trials
- Linear mixed effects models and meta-analysis
- Meta analysis
- The statistical evaluation of medical diagnostics tests
- Design and analysis of Phase II Cancer clinical trials
- Data monitoring committees