ASA CONNECTICUT CHAPTER SHORT COURSE
BORROWING FROM HISTORIC DATA IN CLINICAL TRIALS
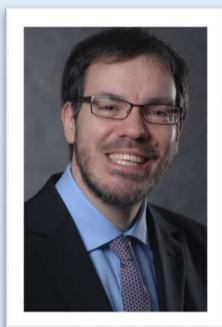
ASA

University of Connecticut Homer Babbidge Library 2nd Level
369 Fairfield Way, Storrs, CT 06269
Thursday, November 14th 10:00 am – 3:00 pm

SPEAKER

Martin Oliver Sailer, PhD is Methodology Expert Statistician at Boehringer Ingelheim in Biberach, Germany. With nine years of experience in the pharmaceutical industry, he has been Statistical lead for multiple pivotal Oncology and Biosimilar development programs. His consulting work focuses on introducing Bayesian methods in all phases of clinical development. His research interests include Design of Experiments, Bayesian Statistics, Basket designs, Statistical Go/No-Go decision making, and Estimands. He studied Statistics at TU Dortmund University in Germany and Iowa State University, Ames, IA.

ABSTRACT

With the growing number of targeted drug development programs, there is an ever increasing interest to make these programs more cost effective. Borrowing of information from historical data allows us to reduce the number of patients recruited to new trials and helps to bring new therapies to patients faster. We will present state-of-the-art methods on the basis of Bayesian evidence synthesis, specifically Bayesian hierarchical models and meta-analytic predictive priors that allow for dynamic weighting of the historical evidence. Examples include borrowing from historical data for dose finding in oncology, basket trials, go/no-go decision making after phase II and considerations for confirmatory settings.

Agenda:

10:00 am -12:00 am
- Introduction into Bayesian borrowing
- Bayesian hierarchical models
- Meta-analytic predictive priors for historical data
- Dynamic borrowing

1:00 pm – 3:00 pm
- Case studies and advanced topics
- Implementation for normal, binary and time-to-event data
- Basket trials, dose finding, covariates
- Q&A

REGISTRATION

Student rate: $30
ASA CT member rate: $60
Non-member rate: $75

Lunch and coffee/tea are included in the registration fee.

Please visit the following link to register

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