

Susanne Urach



Research Group:

Medical Statistics

Department:

CEMSIIS

Current academic degree:

MMag. BSc.

Previous University:

University of Vienna

PhD Thesis:

Adaptive clinical trials in small populations

Project title:

ASTERIX

Project description:

The project acronym ASTERIX stands for „Advances in Small Trial dEsigns for Regulatory Innovation and eXcellence“ and will deliver validated innovative statistical design methodologies for cost efficient clinical trials delivering reliable results from trials in small population groups, especially focusing on rare diseases. These methodological innovations include improved sequential and adaptive approaches that take into account the rare prevalence of disease and leveraging prior information. By identifying small clinical trial scenarios where adaptive designs are superior to other drug development strategies ASTERIX will improve statistical power of clinical trial designs in these settings. Adaptation strategies such as stopping the trial or treatment arms and adapting the sample size, but also integrating information from several endpoints will be optimized for the setting of clinical trials in small populations.