

Gene-Gene and Gene-Environment Interaction

Prof. Andreas Ziegler (University of Luebeck) 21/11/2008.

Gene-gene and gene-environment interactions are becoming increasingly important. However, the term “interaction” is used differently in different scientific disciplines. In the first part of this talk, I will discuss the different concepts of interaction, including the differences in the traditional terms gene-gene interaction and epistasis. Approaches to statistical modeling will be considered next, and the illustration in two case studies will complete the presentation.