

PRE-CONGRESS WORKSHOP
on December 5th, 2019 San Pedro de Atacama, Chile
II Congreso Chileno de Parasitología

Biostatistical Analysis of Genotype Data

Aims

After the course, participants will:

- Recognize population genetics as background for genetic mapping studies
- Understand the principles of genetic association studies
- Be able to apply basic techniques to analyze genetic case-control data
- Be able to apply basic methods of risk calculation

Contents

- The course will cover following topics:
 - Study designs in genetic epidemiology
 - Confounding in epidemiological and genetic association studies
 - Power calculations and multiple testing
 - Use of genotype data from public data repositories

The workshop is designed as a mixture of short lectures and practical exercises.
Real data will be analyzed to illustrate theoretical concepts.
Please bring your own laptop with you!

Instructor:

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