



Curso de

# “Análise de dados de sequenciação, GWAS e Seleção Genómica”

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## Programa

- Next Generation Sequence (NGS) data analysis
  - How data look like
  - Main challenges
  - Bioinformatic issues
  - Design and genetic issues
  
- Genome Wide Association Study (GWAS) analysis
  - Rationale
  - Dealing with structuration
  - GWAS using sequence data
  
- Principles of Genome Selection
  - Fit vs Prediction in modern genomics
  - Variable selection vs Ridge regression methods
  - Merging data: single step
  - GS using sequence data
  - The curse of big data