

Bioinformatics

Analysis packages

Bioinformatics - lectures

- Introduction
- Information networks
- Protein information resources
- Genome information resources
- DNA sequence analysis
- Pairwise sequence alignment
- Multiple sequence alignment
- Secondary database searching
- **Analysis packages**
- Protein structure modelling

Analysis packages

- commercial databases
- commercial software
- comprehensive packages
- packages for DNA analysis
- intranet packages
- Internet packages

Comprehensive packages

- GCG
- EGCG
- Staden
- Lasergene

Packages for DNA analysis

- Sequencher
- VectorNTI
- MacVector

Intranet packages

- SYNERGY
- GeneMill, GeneWorld, GeneThesaurus

Internet packages

- CINEMA
- EMBOSS
- Alfresco