











Topics in Bioinformatics

- Sequencing genome
- Sequence alignment
- Searching databases
- Machine learning
- Hidden Markov Model
- Phylogenetic trees
- Functional genomics
- Simulation

ING

- Structure prediction
- Microarrays (DNA chips)
- Biochemical databases
- Biochemical network analysis
- Ethical, legal & social issues

CP already used in some topics

7























































































































































aMAZE team	BioMaze Project	
ULB - Belgium Erick Antezana Fabian Couche Fred Fays Olivier Sand Christian Lemer Jean Richelle Jacques van Helden Soshana Wodak (*)Yves Deville (on sabbatical)	UCL - BelgiumULB -Yves Deville= EstPierre Dupont= SatStéphane ZampelliFUNDGrégoire Dooms= JeaSébastien Vast= JeaJonathan Fallon-	Belgium eban Zimani ori I <mark>P - Namur</mark> In-Luc Hainaut In-Marc Hick
	Collaborators Institut Pasteur - France Georges Cohen Birkbeck College - UK Lorenz Wernisch University of Glasgow - UK David Gilbert Univ. Köln - Germany Dietmar Schomburg EBI-EMBL Sandra Orchard	External data sources Swissprot Genbank KEGG/LIGAND BRENDA PUBMED Sponsors Astra-Zeneca Aventis, Organon Roche, (Monsanto) EC Brussels Gov. Walloon Region