



Plant Bioinformatics Webportal



Christine Bunthof¹, Schelto Korf¹, Jack Leunissen², Jan-Peter Nap^{3,4} & Willem Stiekema^{1,4}

Introduction

To advance biomolecular informatics in The Netherlands dedicated genomics facilities as well as infrastructure for education and training are established. Within the NWO-Biomolecular Informatics program 'Wageningen Phytoinformatics' we are developing a webportal. The aim is to provide information about bioinformatics at Wageningen University and Research Centre and to facilitate easy access to information sites, molecular databases, software and other bioinformatics resources available through the Internet. The focus is on plant bioinformatics and target user groups include plant scientists and bioinformaticians, as well as students in life sciences.



Figure 1. Information about bioinformatics research and education at Wageningen University.

www.bioinformatics.nl

- Information about bioinformatics at WUR
- Educational pages
- Catalogue of quality-selected e-sources
- Access to our services
- Bioinformatics links
- Database of courses and events

www.bioinformatics.nl



www.bioinforma

www.bioini

From Darwin's 'On the Origin of Species' to Mendel's 'Experiments on Plant Hybridization'

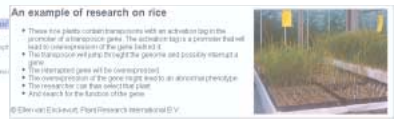


Figure 2. Screenshots of the educational pages.

www.bioinformatics.nl



Figure 3. The portals' homepage provides also access to services on the Wageningen Genome Informatics server such as SRS.

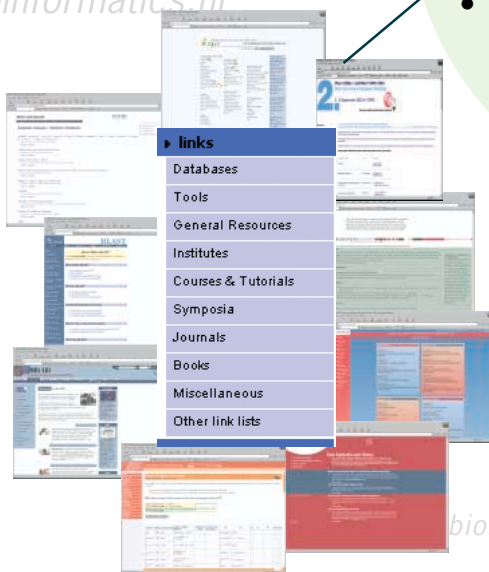


Figure 4. Links to many molecular databases, institutes, journals etcetera.

Outlook

The portal will be evaluated by various user groups: undergraduate students, PhD students, university teachers, researchers in plant sciences and bioinformaticians working with plant data. The information contents will be extended and more services will be added. With contributions from the (Dutch) plant research community the portal will gain value as platform and information resource.

Acknowledgements

We thank our colleagues at university and plant research international for providing information and suggestions for the portal, the plant science information specialists at Wageningen University Library for collaboration on the Information Gateway, and NWO for funding C.B. during her postdoc project.

¹ Wageningen University, Department of Plant Sciences, Laboratory of Molecular Biology, PO Box 8128, 6700 ET Wageningen, The Netherlands

² Wageningen University, Department of Plant Sciences, Genome Informatics Group, PO Box 8128, 6700 ET Wageningen, The Netherlands

³ Plant Research International B.V., PO Box 16, 6700 AA Wageningen, The Netherlands

⁴ Centre for BioSystemsGenomics, PO Box 98, 6700 AB Wageningen, The Netherlands

E-mail: Christine.Bunthof@wur.nl