

**Scientific Collaborator**  
**Genome/Systems Bioinformatics**

**Start date:** immediate or negotiable  
**Contract length:** 2 years with renewal possible  
**Activity:** 100%  
**Workplace:** Center for Integrative Genomics, University of Lausanne

**Description:** The Center for Integrative Genomics (CIG) is a new interdisciplinary research and training institute located in the G enopode building of the University of Lausanne (UNIL) alongside the Swiss Institute of Bioinformatics (SIB). The research at the CIG centers on genome structure and function in a number of different experimental systems, with both experimental and computational approaches. It is performed by an international community of scientists in the context of a single, integrated research center, where interactions among groups are numerous both in informal and formal settings.

The CIG laboratories of Nouria Hernandez and Winship Herr seek a **Bioinformatician** to support ongoing genomic and systems biology studies.

**Desirable experience:** Bioinformatics with a background in large data-set handling and comparative genomics.

**Position:** The successful candidate will be a central player in the Hernandez/Herr research teams and will

- Analyse large-scale genomic data sets
- Integrate functional, genetic, and evolutionary data from diverse databases
- Use and develop tools to visualize and interpret heterogeneous genomic data

**Experience and qualifications:**

- Master and/or PhD in bioinformatics or equivalent experience
- Experience in programming in Perl and/or similar languages
- Expertise in handling and analysis of large data sets (e.g., microarrays, genomic sequences), sequence alignment, and gene and protein annotation
- Knowledge of statistics and experience with advanced statistical tools (e.g. R, S+)
- Good working knowledge of available biology databases and data mining tools
- Fluency in English

The position will suit a self-motivated individual with broad interests. The successful candidate will be in a rewarding environment at the frontiers of experimental and bioinformatics biology. He or she will have possibilities to interact with other bioinformaticians (SIB) as well as access to excellent computational resources (Vital-IT).

**Application:** Please send CV, relevant diplomas and certificates, as well as an application letter to the University of Lausanne, Service of Human Resources, Ch ateau

de Dorigny, 1015 Lausanne or by email to [contact-rh-centre@unil.ch](mailto:contact-rh-centre@unil.ch). Include reference number 1003.

**Application deadline:** 05.05.2008

**Additional information:**

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