

Postdoc: Computational Biology

Deciphering Cellular Wiring Diagrams

Amsterdam, The Netherlands



The Project

We will reconstruct a map of cellular regulation, by

- fusing >130 genome-wide haploid screens with other
- molecular maps (PPIs, ontologies, expression-derived) to
- identify functional units / interactions / key regulators and
- validating high confidence interactions experimentally.
- For more detail see ccb.nki.nl/open-positions/



Your environment and tasks

- develop and benchmark the latest algorithms
- help design validation and follow-up experiments
- work closely with computational scientists (Wessels group)
- work closely with experimentalists (Brummelkamp group)
- work closely with startup company (Scenic Biotech)



Your profile

- advanced skills in bioinformatics, or
- advanced skills in related disciplines
- high level of proficiency in biology
- proficiency in R, Python and data bases
- highly communicative



Interested?

- **contact:** Lodewyk Wessels (l.wessels@nki.nl)
- **www:** ccb.nki.nl & scenicbiotech.com
- **deadline:** 1 March 2020

**Project
Partners**



Scenic | Evolution Inspired
Medicine
Biotech