Skills

R programming

Unix bash

Python

scientist with an eye for details. I have managed large projects with close collaborators and have positioned myself at the intersection of computational and molecular biology

# I am a dedicated

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scholar.google.com/citations? user=rtnFHLUAAAAJ&hl

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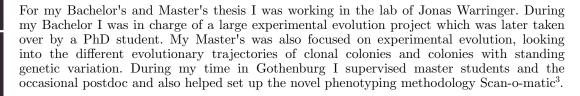
## EDUCATION

Bachelor of Science Biology University of Gothenburg 2010 - 2013

Master of Science Molecular biology University of Gothenburg 2013 - 2014

PhD Université Côte d'Azur 2014 - 2018

#### EXPERIENCE



JOHAN HALLIN

After my Master's I was granted an Erasmus Placement Program scholarship to go to Gianni Liti's lab at the institute for research on cancer and aging, Nice (IRCAN). During this period I enhanced my molecular biology skills and was key in finalizing a project in the lab by constructing a large phenotyping experiment<sup>5</sup>.

I enrolled in the competitive LabEx Signalife PhD program and joined Dr. Liti's team as a PhD student. It resulted in two successful papers stemming from a large scale experiment I performed<sup>1,2</sup>. The two papers were highly collaborative with close collaborations between labs in France, Sweden and the U.K. During this period I further advanced my programming and analytical skills by handling large amounts of data and by spending two weeks as a visiting researcher in Leopold Parts lab at the Sanger Institute. I am continuing my work with Gianni by working with big NGS datasets to elucidate the nature of meiotic recombination.

I recently started my first post doc position with Christian Landry. Here I hope to further improve my molecular biology and bioinformatics skills while studying the exciting phenomenon of de novo gene emergence

### Papers.

K. Märtens\*, J. Hallin\*, et al. Predicting quantitative traits from genome and phenome with near perfect accuracy. Nature Communications, 2016

J. Hallin\*, K. Märtens\*, et al. Powerful decomposition of complex traits in a diploid model. Nature Communications, 2016

M. Zackrisson, J. Hallin, et al. Scan-o-matic: High-resolution microbial phenomics at a massive scale. G3, 2016

J. Yue, [..2..], J. Hallin, et al. Contrasting evolutionary genome dynamics between domesticated and wild yeasts. Nature Genetics, 2017

I. Vazques-Garcia, [..4..], J. Hallin, et al. Background-dependent effects of selection in subclonal heterogeneity. Cell Reports, 2017

## AWARDS & SCHOLARSHIPS



#### Referee ••



Yeast genetics Writing Presenting Supervising Design English *4*₽*4*₽*4*₽4₽ 4848484848 Swedish ----Spanish

Poster Prize 2017  $28^{th}$  ICYGMB Oral Presentation Prize 2016 Signalife Student Conference Visiting researcher Sanger Institute, U.K. 2016 Doctoral school ED85 2014 Erasmus Placement Program

Educational Stipend

University of Gothenburg

2013

Nature Ecology and Evolution Yeast