

# Developing Bioinformatics Societies In Norway and Nordic

**Nazeefa Fatima**

Pronouns: They/Them

Centre for Bioinformatics, University of Oslo

**29 September 2022**

**Twitter:** @\_nazeefatima

**Hashtags:** #NBD22 #NordicCompBio

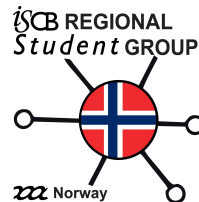
**Email:** nordic.compbio@gmail.com

# Introduction to **Nordic Computational Biology (NCB)**



**Purpose of NCB**

**Current & Future Work**



**How to get involved**

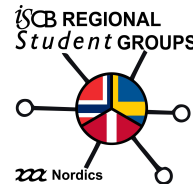
**Website:** [nordic-compbio.iscb.org](http://nordic-compbio.iscb.org)

**LinkedIn:** [bit.ly/ncb-linkedin](https://bit.ly/ncb-linkedin)

**Twitter:** @NordicCompBio & @RSGNorway



# NCB Team



## Core Team:

- **Johan Österlund**; Life Science Consultant, Sweden
- **Marcel Tarbier**; Postdoctoral Researcher, Sweden
- **Romain Adrien Lefèvre**; PhD Researcher, Denmark
- **Marek Prachař**; Industrial PhD Researcher, Denmark
- **Nazeefa Fatima**; Computational biologist, Norway

## Advisory Board:

- **Marieke Kuijjer**
  - Group Leader - Computational Biology and Systems Medicine, NCMM, Norway
- **Sushma Nagaraja Grellscheid**
  - Professor - Computational Biology Unit, University of Bergen, Norway
- **Arne Elofsson**
  - Professor - Stockholm University, Sweden
- **Anthony Mathelier**
  - Group Leader - Computational Biology & Gene Regulation, NCMM, Norway

## Regional Team Members:

- **Roza Berhanu Lemma**; Postdoctoral Researcher, Norway
- **Vipin Kumar**, Postdoctoral Researcher, Norway
- **Ieva Rauluseviciute**, PhD Researcher, Norway
- **Katalin Terezia Ferenc**, PhD Researcher, Norway
- **Tatiana Belova**, Postdoctoral Researcher, Norway
- **Begüm Serra Büyüktarakçı**; PhD Researcher, Sweden
- **+ Many more!**

**>1500 Community Members**

# Nordic CompBio aims:

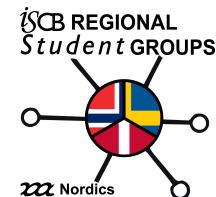


- ❖ To **organise computational biology (bioinformatics)** related **events** across the Nordics
- ❖ To **promote** Nordic-based **research, initiatives, and education resources**
- ❖ To become a **community platform** for knowledge-exchange and **cross-Nordic collaborations**
- ❖ To develop **Nordic representation** in computational biology at international level

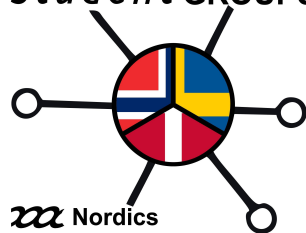
# Nordic CompBio: How we work



- ❖ Core Team: introduce new initiatives
- ❖ Working with ISCB's Regional Student Groups (RSGs)
- ❖ Collaborating with bioinformatics infrastructures in Nordic
- ❖ Collaborating with bioinformatics organisations/societies outside Nordic



*iSCB* REGIONAL  
*Student* GROUPS



**RSG-Sweden**  
[rsg-sweden.iscb-sc.org](http://rsg-sweden.iscb-sc.org)

**RSG-Norway**  
[rsg-norway.iscb-sc.org](http://rsg-norway.iscb-sc.org)

**RSG-Denmark**  
[cbiovikings.org](http://cbiovikings.org)

**ISCB's regional nodes are a part  
of Nordic Computational Biology**

*iSCB* REGIONAL  
*Student* GROUP



**Twitter:** @RSGNorway  
**Email:** [rsg-norway@iscb-sc.org](mailto:rsg-norway@iscb-sc.org)

# NCB Talks

Themes:

- Research Talks
- Workshops
  - Introduction to: Git, RMarkdown
- Career Talks
- Industry Talks
  - Biotech industry



[bit.ly/ncb-speaker-signup](https://bit.ly/ncb-speaker-signup)



[bit.ly/suggest-a-speaker](https://bit.ly/suggest-a-speaker)

**NCB Sessions:** A symposium on a particular topic

**Webpage:** [nordic-compbio.iscb.org/ncb-talks/](https://nordic-compbio.iscb.org/ncb-talks/)

**YouTube:** [bit.ly/subscribe-nordic-compbio](https://bit.ly/subscribe-nordic-compbio)

# NCB Peer-Review



- Purpose:
  - Discussions on computational methods
  - Connect early-career researchers and senior computational biologists
- Audience: people interested in creating computational tools, and data visualisation
- Introduced at SciLifeLab, Sweden



SciLifeLab



**Webpage:** [nordic-compbio.iscb.org/review](http://nordic-compbio.iscb.org/review)

**Twitter:** @NordicCompBio



I Am Developer  
@iamdeveloper

10 lines of code = 10 issues.

500 lines of code = "looks fine."

Code reviews.

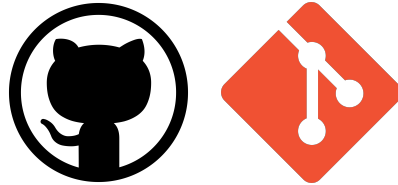


[bit.ly/3So99Br](https://bit.ly/3So99Br)



## Bioinformatics Resources

- To promote computational tools and trainings
- To provide learning material for newcomers
- Working repository:  
**[github.com/NordicCompBio/Bioinformatics-Resources](https://github.com/NordicCompBio/Bioinformatics-Resources)**
- Contribute via GitHub or Git



## NCB: Future Ideas



### Nordic CompBio Conference:

- To be planned for 2023
- Hybrid (plus geo-distributed?)
- Sub-teams from each Nordic region
- Highlight ECRs and startups



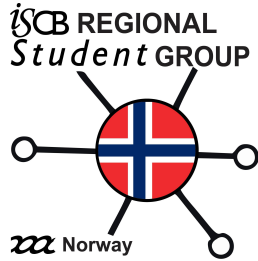
[t.co/bWLDxp9J5y](https://t.co/bWLDxp9J5y)

### Other Tasks:

- Nordic CompBio Industry Days
- Hackathon: data-management challenge
- Create Job Portal

**Twitter:** @NordicCompBio

**LinkedIn:** [bit.ly/ncb-linkedln](https://bit.ly/ncb-linkedln)



# RSG-Norway: Future Plans

- **Beer and Game Night**; regular social event
- **Programming Workshops**; collaboration with SBI
- **NCB Industry Talks**; highlight Norway's startups and biotech industrial organisations
- **Panel Discussion**: Carbon footprint of computational biology

## Who can get involved? and How?

- ◆ Anyone, regardless of academic level, willing to exchange skills and ideas
- ◆ Local teams (RSG-Norway branches) in different university cities
- ◆ Collaborators such as university departments in organizing events of shared interest
- ◆ Regional coordinators to represent Norway in Nordic Computational Biology



 **slack** Get Involved: [tinyurl.com/3rfrjb7f](https://tinyurl.com/3rfrjb7f)



Sign up at: [nordic-compbio.iscb.org/get-involved/](https://nordic-compbio.iscb.org/get-involved/)

**Twitter:** @NordicCompBio & @RSGNorway

**LinkedIn:** [bit.ly/ncb-linkedln](https://bit.ly/ncb-linkedln)

**Website:** [nordic-compbio.iscb.org](https://nordic-compbio.iscb.org)

**Website:** [rsg-norway.iscb.org](https://rsg-norway.iscb.org)

# Thank you!

## What ideas/questions do you have?



**Roza Berhanu Lemma**



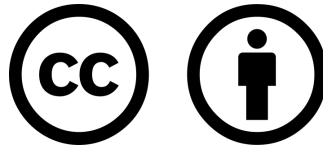
**Nazeefa Fatima**



**Ieva Rauluseviciute**



**Kata Ferenc**



**Except where otherwise noted, this work is licensed under a**

**Creative Commons Attribution 4.0 International License**

**<https://creativecommons.org/licenses/by/4.0/>**