

## **Two postdoc positions in computational cancer biology at NTNU**

Are you a computational biologist or bioinformatician eager to apply your skills and ingenuity to tackle cancer? We open two postdoc researcher positions at NTNU as part of our ERA PerMed project ONCOLOGICS. The two appointed postdocs will work in close collaboration with each other and with a large research team from leading European research organizations.

### **See more info and apply here:**

<https://www.jobbnorge.no/en/available-jobs/job/198309/two-postdoctor-researchers>

The ONCOLOGICS consortium is launched to bring Personalised Medicine to the clinic by demonstrating that we can predict an individual's tumour drug therapy responses through a platform comprising joint in silico computational modelling and functional validation in patient-derived tumor tissue cultivated ex vivo.

You will analyze various types of molecular data from colon cancer patients that have received medical therapies at Institut Curie and Charité Comprehensive Cancer Center, and contribute to innovative new integrative analysis methods that can provide detailed characterization of a patient's tumour material

- You will design and develop computational models for therapy treatment simulations, based on DrugLogics software and other software solution from the consortium partners
- You will analyze discrepancies between computational model predictions and clinical observations from patients for which there is already treatment outcome data available
- You will contribute to the development of computational models, the analysis of model performance and iterative model refinement, and you will develop new metrics to evaluate model compliance with patient-derived tumour sample behaviour and drug response

### **Application deadline: March 1st 2021.**

Trondheim is a beautiful city in the middle of Norway, rich in culture, cuisine, and wild-life. Just go outside your door and you can enjoy very late summer nights (and very early summer mornings), and perfect skiing and ice skating conditions in the winter.

Best regards,  
Åsmund Flobak

PS: Please forward this email to those you think fit!

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NTNU



COORDINATOR

Project Management Team TTO



WP1  
IC



WP2  
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WP3  
BSC



WP4  
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P2  
Charité



P5  
ProtAtOnce



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Computational modelling and functional validation platform for personalised CRC clinical therapy decision support

ONCOLOGICS

ERA PerMed

ERA PerMed JTC2020 Full-Proposal Consensus Report

Project: ERAPERMED2020-036  
Acronym: ONCOLOGICS  
Project title: Computational modelling and functional validation platform for personalised colorectal cancer clinical therapy decision support