

# Computational Biology Workshop

Dear BMB colleagues,

Some of you might remember the Computational Biology Workshops last year. We now started a new series and adapted it so it can be taken as a PhD course.

The next workshop will take place on **Sep 13 14.00-16.00** in the **BMB Seminar Room** and consists of two 1h lectures providing an overview of the below given topics:

- Lars Juhl Jensen (University of Copenhagen) *Text mining*
- Kedar Nath Natajara *Single cell transcriptomics*

We are looking forward to see you there!

In addition, Lars Juhl Jensen will give a STRING tutorial at 11:00 in the Protein Research Group.

*More details about the workshop series:*

This workshop series aims to improve familiarity with a selection of up-to-date and powerful computational methods by hands-on experience supervised by experts in the respective fields including omics data analysis, statistics, image analysis and simulation of biological systems. Attendants will learn how to create and apply software workflows for the analysis of noisy data and gain knowledge to visually and conceptually communicate underlying complex biological processes.

The workshops aim to provide insights into modern bioinformatics to students and interested researchers at the Department of Biochemistry and Molecular Biology as well as other interested parties.

The taught material will not only improve awareness of unknown or novel software, algorithms and methods but also lower the often steep learning curves for actually applying the methods.

In the workshops, renowned often international experts will furthermore promote and encourage best-practice in computational biology.