

Cellular Programs

Prof. Dr. Volkhard Helms
Winter Semester 2017/18

Saarland University
Chair of Computational Biology

Assignment 3

Due: 11.12.2018 14:15

Submit your solutions

- (a) on paper (printed text) at the beginning of the lecture or in building E21, room 3.14, or
- (b) by e-mail with a single PDF attachment to kerstin.gronow-p@bioinformatik.uni-saarland.de

Every student should submit his/her own solution. Plagiarism of solutions will be penalized. Don't forget to label your assignment sheet with your name and Matrikelnummer.

Problem 1: Check <https://clinicaltrials.gov> for clinical trials that applied the two drugs `palbociclib` AND `letrozole` to breast cancer HER2(-) patients.

Hint: I found 7 such studies.

- (a) Describe the biomedical motivation behind these studies.
 - (b) What are the differences between the studies you found?
 - (c) Summarize the results obtained so far.
- (1.5 pages of English text).