

Genomic Medicine

PhD block course for the PhD Program Molecular and Translational Biomedicine
November 27 – December 1 2017 in Zurich

Student Exercise 6

Richard Simon and Sameek Roychowdhury. Implementing personalized cancer genomics in clinical trials. Nat Rev Drug Discov 12, 2013.

doi:10.1038/nrd3979

Assignment:

1. Read the paper and discuss it in your group.
2. Prepare a 10 min presentation of the paper.
3. Design a clinical personalized cancer genomics trial for one of the drugs in Table 1 of the article, and present it in 5 min:
 - a. Define the goals and the design of the trial.
 - b. Define the molecular profiling strategy, including data integration and analysis.
 - c. Consider the “barriers for clinical translation” (Box 1) and try to address them.

After your presentation there will be a discussion of 10-15 min.

Note: All time limits are sharp – we will interrupt you.