

2022 qPCR course tentative program

Tue Nov 29, 2022

9am Lecture 1

Calendar: 2022 qPCR course tentative program
Created by: Alyona Minina
Description: PCR in general and qPCR in general

Wed Nov 30, 2022

9am Lecture 2

Calendar: 2022 qPCR course tentative program
Created by: Alyona Minina
Description: qPCR normalization reference genes MIQE guidelines melt curve

Thu Dec 1, 2022

9am Lecture 3

Calendar: 2022 qPCR course tentative program
Created by: Alyona Minina
Description: Affymetrix Transcriptomics Tools useful for qPCR

Fri Dec 2, 2022

9am Seminar 1

Calendar: 2022 qPCR course tentative program
Created by: Alyona Minina
Description: Ins and outs of a qPCR experiment design

Mon Dec 5, 2022

9am Seminar 2

Calendar: 2022 qPCR course tentative program
Created by: Alyona Minina
Description: Experiment design in groups

Tue Dec 6, 2022

All day Group Homework 1

Calendar: 2022 qPCR course tentative program
Created by: Alyona Minina
Description: Each group will design primers required for their experiment.

All day Ordering primers

Calendar: 2022 qPCR course tentative program
Created by: Alyona Minina
Description: The course organizer will order primers designed by each group as their Homework 2 task

All day Preparing templates

Calendar: 2022 qPCR course tentative program
Created by: Alyona Minina
Description: The schedule includes several days planned for template preparation. However, each group will spend only ca 3h on this task.

Wed Dec 7, 2022

All day Preparing templates

Calendar: 2022 qPCR course tentative program
Created by: Alyona Minina
Description: The schedule includes several days planned for template preparation. However, each group will spend only ca 3h on this task.

All day Group Homework 2

Calendar: 2022 qPCR course tentative program
Created by: Alyona Minina
Description: Each group will prepare step by step protocol for analysis of their qPCR data

Thu Dec 8, 2022

All day Preparing templates

Calendar: 2022 qPCR course tentative program
Created by: Alyona Minina
Description: The schedule includes several days planned for template preparation. However, each group will spend only ca 3h on this task.

2022 qPCR course tentative program

All day Group Homework 3

Calendar: 2022 qPCR course tentative program

Created by: Alyona Minina

Description: Each group will prepare step by step protocol for analysis of their qPCR data

Fri Dec 9, 2022

All day Preparing templates

Calendar: 2022 qPCR course tentative program

Created by: Alyona Minina

Description: The schedule includes several days planned for template preparation. However, each group will spend only ca 3h on this task.

All day Group Homework 3

Calendar: 2022 qPCR course tentative program

Created by: Alyona Minina

Description: Each group will prepare step by step protocol for analysis of their qPCR data

Mon Dec 12, 2022

9am Seminar 3

Calendar: 2022 qPCR course tentative program

Created by: Alyona Minina

Description: Plate layout design revision Discussion of analysis Discussion of how to present data in the paper

All day qPCR lab work

Calendar: 2022 qPCR course tentative program

Created by: Alyona Minina

Tue Dec 13, 2022

All day qPCR lab work

Calendar: 2022 qPCR course tentative program

Created by: Alyona Minina

Wed Dec 14, 2022

All day qPCR lab work

Calendar: 2022 qPCR course tentative program

Created by: Alyona Minina

Thu Dec 15, 2022

All day Homework 4

Calendar: 2022 qPCR course tentative program

Created by: Alyona Minina

Description: Each group will analyse their qPCR data and prepare presentation for the final seminar

Fri Dec 16, 2022

All day Homework 4

Calendar: 2022 qPCR course tentative program

Created by: Alyona Minina

Description: Each group will analyse their qPCR data and prepare presentation for the final seminar

Mon Dec 19, 2022

9am Seminar 4

Calendar: 2022 qPCR course tentative program

Created by: Alyona Minina

Description: Each group will present their experiments, analyzed data and suggested troubleshooting