FEBS PLC2016 Lab Exercises

Days	Group 1	Group 2	Group 3	Group 4	Group 5
Monday, July 4	ITC [B. Turnbull]	SPR [W.-F. Xue]	UV [A. Bellelli]	Fluorescence [A. Gorecki]	*Thermoporesis [D. Witte]*
Tuesday, July 5	SPR [W.-F. Xue]	UV [A. Bellelli]	Fluorescence [A. Gorecki]	*Thermoporesis [D. Witte]*	ITC [B. Turnbull]
Wednesday, July 6	UV [A. Bellelli]	Fluorescence [A. Gorecki]	*Thermoporesis [D. Witte]*	ITC [B. Turnbull]	SPR [W.-F. Xue]
Friday, July 7	Fluorescence [A. Gorecki]	*Thermoporesis [D. Witte]*	ITC [B. Turnbull]	SPR [W.-F. Xue]	UV [A. Bellelli]
Saturday, July 8	*Thermoporesis [D. Witte]*	ITC [B. Turnbull]	SPR [W.-F. Xue]	UV [A. Bellelli]	Fluorescence [A. Gorecki]

[a] All invited speakers have 45-minute time-slots, and their talks are designed to promote questions and discussion durind the final 5-10 minutes of their alloted time. The final 45-minute lecture period on Wednesday, Thursday, and Friday mornings will consist of three 15-minute talks by participants chosen from among the poster presentation on Sunday night. Participants will be illustrated to allow approximately 3-5 minutes for questions and discussion. The organizers and invited speakers are instructed to pose questions and offer discussion points after all talks, including participants talks, so as to encourage maximum engagement of participantsin all the talks.

Each evening, the day's speakers participate in an informal evening roundtable to encourage discussion amoung all participants. Monday's roundtable will feature all the tutors for the laboratory practicals, so participants will have the chance to clarify their understanding of the approaches and procedures.

[b] *Practical exercises within the course will feature five methods: SPR, ITC, fluorescence, UV-vis, and thermophoresis. One experimental station will be dedicated to each method and all stations will remain set up during the entire course. The physical setup of each station will accommodate groups of up to seven or eight participants at once; thus all five experimental methods will run concurrently on each afternoon as indicate in the table, although i tis not expected that all participants will have systems suitable for all five methods. All participants will be able to run several of the five experiments on their own system if they bring sufficient material as advised by the organizers during pre-screening. Participant projects will be carefully screened in advance by the organizers in order to prioritize the most appropriate experimental approaches for each participant's system, and to ensure adequate throughput of experiments in the allotted times. Commercial proteins will also be available that are appropriate for each ligand-binding experimental method to ensure demonstration of the methods in the case suitable participant proteins do not fill the available capacity of a method.*