

TransPOT 2-day QPCR-Training Course

14-15 May 2014
University of Crete Medical School, Heraklion
Room: 7A1.1

Seminar Leader: Triantafyllos Liloglou, PhD, Senior Lecturer, University of Liverpool

Ancillary Support: George Nikolaidis, PhD, Researcher, Medical School, University of Crete

Day 1.	
9.00-11.00	Basic principles of PCR: (SR) <i>Myths & reality</i>
Coffee Break 11.00-11.15	
11.15-12.00	RNA expression quantification: (SR) <i>Far before PCR</i>
12.00-12.45	qPCR assay design (SR)
Lunch 12.45-13.30	
13.30-14.30	qPCR optimisation & QC (SR) <i>It's all about controls</i>
14.30-15.30	Study design (SR) The key to successful experiments
Break 15.30-15.45	
15.45-16.30	Reverse transcription (L) <i>oligo dT vs random primers</i>

(SR): seminar room, **(L):** lab

Day 2.	
9.00-11.00	qPCR set up & run (L) <i>serial dilutions and test samples</i>
Coffee Break 11.00-11.15	
11.15-12:45	Analysis of Results (SR) <i>signal QC, data analysis, data extraction</i>
Lunch 12.45-13.30	
13.30-15.30	qPCR set up & run (L) <i>real samples</i>
Break 15.30-15.45	
15.45-17.30	Analysis of results (SR) Final discussion

(SR): seminar room, **(L)**: lab

Participants

Name	
1. Batsali Aristea	11. Katsarou Afroditi
2. Bertias George	12. Ledaki Eleftheria
3. Chaldaiopoulou Georghia	13. Mintzas Kostas
4. Gkountakos Anastasios	14. Mplanas Athanasios
5. Gkouskou Kalliopi	15. Pantazi Pasxalia
6. Gialesaki Sophia	16. Papaioannou Alexandra
7. Ioannou Marina	17. Savvaki Maria
8. Kalyva Athanasia	18. Skordos Ioannis
9. Kamaratou Martina	19. Trakaki Athina
10. Kanellis Dimitris	20. Veneti Zoe