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| * **Programa del Curso: día 22 de enero 2020**
 |
| 9.00h-10.00h -Instrument overview (laboratory)10.00h-10.30h.- Maintenance (seminar room)* Maintaining your new Instrument
* Practice Maintenance in the Lab (laboratory)

10.30h-11.00 - What is Real-Time PCR (seminar room)* Real-Time PCR principles
* Real-time PCR chemistries (Taqman® probes and SYBRGreen™)

11.00h-11.30h- Coffe11.30h-12.00h - Setup an Experiment (seminar room)* qPCR Master mixes including Set-up a qPCR reaction

12.00-12.30h - Disposables lab and plate setup (seminar room)* Organization of qPCR workspace, prevent contaminationand define control and replicates
* Choose appropriate consumables

12.30h-14.00h - Primary Analysis - Spectra-to-Cq (seminar room)* Raw Data (Fluorescence)
* Multicomponenting
* Passive reference Normalization
* Cq determination
* Baseline Threshold method (Ct)
* Advanced Analysis settings

14.00h-14.30h - AQ setup and STD curve parameters analysis (seminar room)* Create a plate setup (software)
* Standard curve parameters analysis

14.30h-15.00h - Comida15.00h-16.00h -Analyze of an AQ experiment (seminar room)* Analyze an AQ experiment (software)
* Exporting your results

16.00h-17.00h - Genotyping (seminar room)* Genotyping Basics
* Create a plate setup
* Analysis (Software)
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