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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- Coffe  11.30h-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 - Comida  15.00h-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) |