

CONFERENZA SCIENTIFICA / SEMINARIO PER STUDENTI

# Droplet Digital PCR Conference

## ddPCR for a Multiplex of Reasons

27 ottobre 2023, ore 9

Aula F10, Chiostro di Santa Maria delle Grazie, Via Mortara 94 - Ferrara

### PROGRAMMA (tutti gli interventi saranno in italiano)

- 9.00 - 9.30** Registration
- 9.30 - 9.40** Welcome and introduction.  
**Donato Gemmati** and **Veronica Tisato**, University of Ferrara
- 9.40 - 10.10** Droplet Digital PCR technology.  
**Mattia Criscuoli**, Bio-Rad Laboratories
- 10.10 - 10.40** Non-invasive prenatal detection of fetal beta-thalassemia point mutations by ddPCR.  
**Giulia Breveglieri**, University of Ferrara
- 10.40 - 11.10** Correction of beta-thalassemia mutations with CRISPR-Cas9 genome editing strategy: validation by ddPCR.  
**Lucia Carmela Cosenza**, University of Ferrara
- 11.10 - 11.30** *Coffee break*
- 11.30 - 12.00** Two-tailed RT-digital PCR: a sensitive and specific approach for the quantification of microRNAs by Droplet Digital PCR.  
**Lucilla D'Abundo**, University of Ferrara
- 12.00 - 12.30** Human and viral gene expression quantification, including miRNAs and DNA tumor virus genotyping.  
**Giulia di Mauro**, **Chiara Mazziotta** e **Giada Badiale**, University of Ferrara
- 12.30 - 12.45** Closing remarks.  
**Donato Gemmati** and **Veronica Tisato**, University of Ferrara and Bio-Rad Laboratories
- 12.45 - 14.00** *Lunch and meet the experts*



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