

Guest lecture:

Introduction to digital PCR and novel applications

Digital PCR (dPCR), a method for the detection of DNA, cDNA and RNA with unrivaled precision and sensitivity was established at VetCore in 2014. The Genomics group has since gained experience in this state-of-the-art method throughout various projects, the system is available to all users.

The seminar will give an overview of novel applications of dPCR in veterinary, plant, and life sciences, with special attention to the Naica dPCR system from Stilla Technologies.

Wednesday, November 17th, 2021, 10:00 – 12:00

Vetmeduni Vienna, Lecture Hall D

Preliminary program:

10.00 - 10.15: Introduction (Ralf Steinborn, VetMed)

10.15 - 10.45: Crystal Digital PCR with the Naica System (Max Stadler, Stilla Technologies)

10.45 - 11.30: Applications of dPCR (Martin Becker, Stilla Technologies)

11.30 - 11.45: Benzimidazole resistance alleles in *Haemonchus contortus* detected by digital PCR

(Barbara Hinney, VetMed)

11.45 – 12.00: Closing remarks (Max Stadler, Stilla Technologies)

12.00 – open: Lunch with open Q & A / System demonstrations

The event is **free of charge**, but due to the COVID-Restrictions at the vetmeduni, **registration is mandatory**. The **2G-Rule (vaccinated, recovered)** applies. Please register via Eventbrite:

<https://www.eventbrite.de/e/introduction-to-digital-pcr-and-novel-applications-vedmeduni-vienna-tickets-201617602677>



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