

## **Guest lecture:**

### **"Introduction to Next Generation Sequencing"**

Next Generation Sequencing (NGS) has led to a veritable revolution in genomics in recent years. Investigations that used to be laborious and expensive a few years ago have now become routine, enabling reliable and cost-effective analysis in a variety of areas. The seminar will give a brief overview of current developments and opportunities in the area of NGS, with special attention to the areas of microbiology and virology.

**Thursday, June 13, 2019, 13:30 – 15:45**  
**Vetmeduni Vienna, Lecture Hall D**

#### **Program:**

13.30 -13.40: Introduction (Reinhard Ertl, VetMed / Simon Kadel, Illumina)

13.40-13.55: Overview of Illumina sequencing (Simon Kadel, Illumina)

14.00-14.30: Sequencing options at the Vienna Biocenter (Andreas Sommer,  
Vienna Biocenter Core Facility)

14.30-14.45: Break

14.45-15.15: Illuminas Library Preparation Solutions (Michael Getaz,  
Nadja Sedlyarova, Illumina)

15.15-15.45: Who is who by NGS (Stefanie Dobrovolny, Ages)

15.45-open end: Q & A with snacks and drinks

The seminar will be jointly organized by VetCORE and Illumina.  
For questions write to Simon Kadel ([skadel@illumina.com](mailto:skadel@illumina.com)).  
We would be very happy to welcome you to the seminar.

Lageplan der Veterinärmedizinischen Universität Wien

