Industry workshop by BIONORICA SE

How the microbiome is influenced by the therapy of urological diseases: Standard vs. alternative approaches?

Industry workshop by BIONORICA SE

**Location:** Room 11 (ICM, Level 1)

**Chair:** K.G. Naber, Straubing (DE)

**Aims and objectives of this presentation**

The microbiome seems to influence a significant number of diseases in different medical disciplines. The new view on the role of the microbiome is causing a paradigm shift in therapy for urological diseases as well: for example, the use of antibiotics in asymptomatic cystitis with bacteriuria may result in a downregulation of the present flora which is a protection against relapses and the risk of urinary stones is significantly elevated if Oxalobacter formigenes is eliminated by antibiotic treatment. The microbiome is therefore rightly regarded as a “super-organ”, also in urology.

18:00 - 18:15

**Paradigm shift in urologic infectiology: A new option or a dead-end street?**

M.I. Kogan, Rostov On Don (RU)

18:15 - 18:30

**The influence of host-pathogen interaction on the therapy and prophylaxis of urological diseases**

F.M.E. Wagenlehner, Gießen (DE)

18:30 - 18:45

**The role of Oxalobacter formigenes colonization in calcium oxalate stone disease**

R. Siener, Bonn (DE)

18:45 - 19:00

**The influence of urologic therapeutics on the microbiome in an experimental model**

A. Gessner, Regensburg (DE)

19:00 - 19:30

**Discussion**