

# BIOELECTRICS 2016

## 13<sup>th</sup> International Bioelectrics Symposium

*September 12-15, 2016*

*Rostock, Germany*

*[www.bioelectrics2016.org](http://www.bioelectrics2016.org)*

*The symposium presents a forum for the discussion on research and applications with respect to the interactions of electrical stimuli with living cells, such as in particular pulsed electric fields and non-thermal plasmas.*

### **Research topics and applications covered are:**

- » Biological responses (molecular, subcellular, cellular and intercellular)
- » Biophysics and biochemistry of interaction mechanisms
- » Modelling and simulation of exposures and effects
- » Diagnostics, analytics, experimental techniques
- » Exposure devices and methods
- » Cancer treatment and tumor ablation
- » Disinfection, decontamination, hygiene
- » Cell and tissue stimulation, wound healing
- » Biomass processing and biofuel generation
- » Food safety and food preservation
- » Agricultural crops and farming

*Conference venue is the Penta Hotel, Rostock, in the historic city center. As member of the Hanseatic League, Rostock is a population and commercial center since 1251. The symposium is organized by the Leibniz Institute for Plasma Science and Technology (conference chair: Juergen F. Kolb).*