

About the LSC

Despite recent medical advances, infectious diseases are one of the most common causes of death worldwide. In Germany alone, 60,000 people die each year due to an infection. The fight against infectious diseases is complicated by the fact that no more effective treatments are available against a number of dangerous pathogens. Scientists from different fields have therefore established the **Leibniz ScienceCampus InfectoOptics – Combating infectious diseases with advanced optical technologies (LSC InfectoOptics)** in order to combine their efforts in the investigation of infections and microbial pathogens.

The LSC InfectoOptics is funded by the **Leibniz Association** and links infection biology with optical physics – two very strong scientific fields with a longstanding tradition in Jena. At the participating institutions, junior scientists will carry out joint interdisciplinary research projects.

The following institutions are members of the Leibniz ScienceCampus InfectoOptics:

- Leibniz Institute for Natural Product Research and Infection Biology – Hans Knöll Institute ([HKI](#))
- Leibniz Institute of Photonic Technology ([IPHT](#))
- Friedrich Schiller University Jena ([FSU](#))
- University Hospital Jena ([UKJ](#))
- Fraunhofer Institute for Applied Optics and Precision Engineering ([IOF](#))
- Federal Research Institute for Animal Health – Friedrich-Loeffler-Institut ([FLI](#))
- University of Applied Sciences Jena ([EAH](#))