

Projects of the Identification Phase

In the four years of the identification phase (2015 to 2019), the focus was on establishing the LSC InfectoOptics through cooperation between the various scientific disciplines. A central goal was to create mutual understanding by learning each other's scientific "language". Different model systems and technological approaches were combined and first technology developments and results were published.

- [BLOODi – Whole Blood Imaging](#)
- [FastDrop – Fast Fiber-based Droplet Analysis of Microorganism](#)
- [HoT-Aim – High end-optische Technologie zur Analyse interzellulärer membran-beeinflussender Infektionsprozesse](#)
- [IntraInf – Non-invasive photonic deciphering of complex polymicrobial infections in real-time](#)

The Federal State of Thuringia supported the Excellence cluster application with, e.g. the financing of five Start-Up projects. Basic chemical communication patterns of organisms from our environment, who influence many fields of our daily life, were investigated on a microbiological level with optical technologies.

The Leibniz ScienceCampus InfectoOptics has been the starting point for the Jena excellence strategy and was extended with these five Start-Up projects.

- [DarkMicro](#)
- [Light into Darkness](#)
- [NISUS](#)
- [B-TWELVE](#)
- [Lipstaph](#)