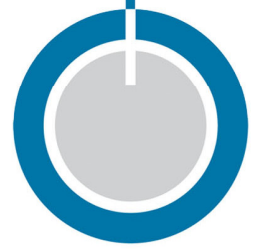


From basics to essentials  
From diagnostics to in vivo-research

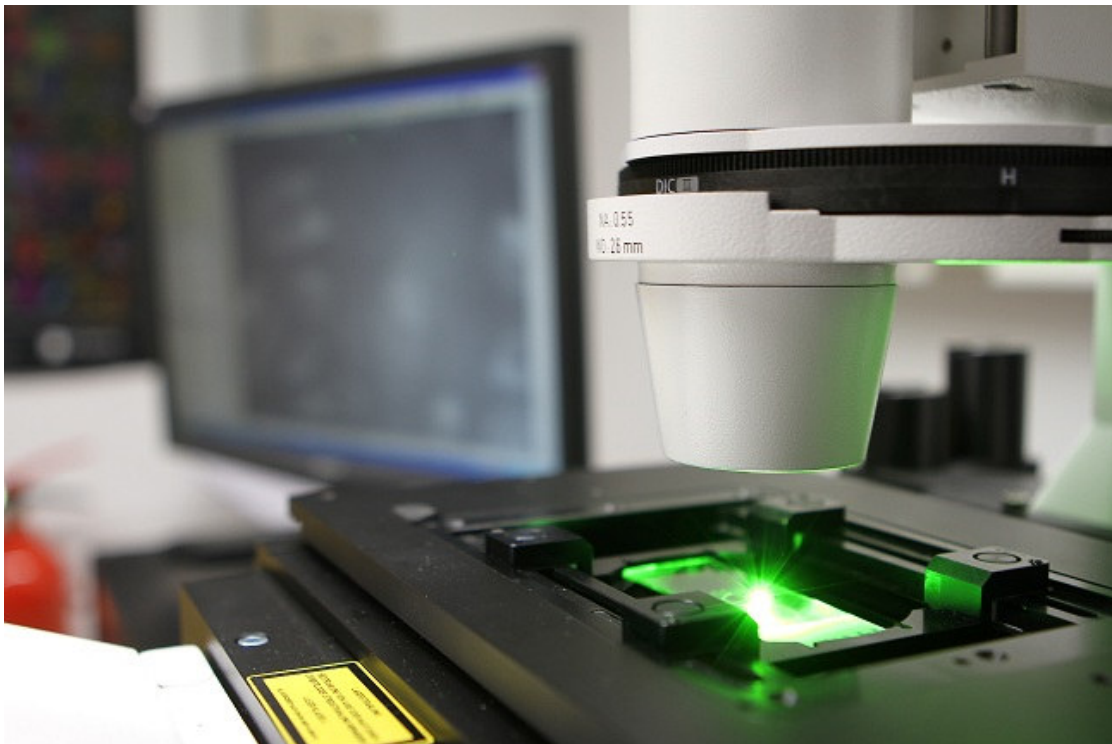


## Laser Dissection for cell surgery

### **Cut out of cellular components from living cells with ultra-short laser impulses**

We are able to cut out single cell organelles, like mitochondria, from vital cells via laser impulses of a femtosecond laser. Over traditional methods this method offers the large benefit that cell organelles keep their structure and undergo not any or only little modifications in their molecular composition; this means results are more significant, validation can be done easier and so outcomes are much more reliable.

In contrast to traditional methods costs and work can be reduced. It results in numerous new challenging application possibilities.



ISO 9001 certified

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