

Efficacy and Toxicity Studies

The qualification of the antibiotic efficacy of a new active compound in an animal model is a decisive hurdle in drug research, which only a few substances master. In addition, undesired side effects of new active compounds must be detected early and taken into account during development.

While early tests for efficacy and tolerability are carried out in *in vitro* cell culture tests, an in-depth investigation of promising substances *in vivo* is indispensable.