



MEDICAL DEVICE DEVELOPMENT SERVICES

iFyber offers antimicrobial efficacy and biocompatibility services for medical device developers to answer questions to move to the next stage of development. Besides standard ISO and ASTM test methods, iFyber routinely develops new or modified methods that better fit clients' product and application.



iFyber is a preclinical contract research organization offering customized services to companies that operate at the interface of chemistry, microbiology and materials science. iFyber is unique. We pride ourselves on providing access to top scientists and creatively solving problems with quick turnaround times.

THINK OF iFYBER AS:

- Consultants with a laboratory to back up ideas with data
- An academic lab, solving R&D problems on corporate or start-up timelines
- A testing lab that develops new methods tailored to clients' products and services
- An extension of your R&D lab

ANTIMICROBIAL EFFICACY TESTING

Determine efficacy of new technologies by providing a range of assays that can be tailored to the application providing relevant data for our clients.

- Biofilm eradication and inhibition
- Dynamic contact assay
- Zone of inhibition assay
- MIC assay
- Time-kill assay

BIOCOMPATIBILITY TESTING

Screen new technologies for compatibility with mammalian biological systems

- MTT Assay
- LIVE/DEAD Staining
- TUNEL Assay
- BrdU Assay
- Neutral Red Uptake
- Trypan Blue Exclusion

MED DEVICE TECHNOLOGIES

- Wound dressings
- Indwelling devices
- Extracellular matrices
- Implants
- Hemostatic agents
- Hydrogels
- Coatings

SPECIES

iFyber has a collection of type species and clinical isolates. Additional species are readily offered.

- *Pseudomonas aeruginosa*
- *Staphylococcus aureus*
- *Escherichia coli*
- *Enterococcus faecalis*
- *Acinetobacter baumannii*
- *Candida albicans*
- *Aspergillus niger/brasiliensis*