

# Tumor Organoid Service

Quickly grow primary tumor cells for your research using our Tumor Organoid Service

The one-stop solution for organoids

Fresh Wind Biotechnologies is a cell therapy company developing next generation tumor infiltrating lymphocyte (TIL) products to treat solid tumors using a combination of advanced TIL manufacturing and informatics. We routinely grow patient derived organoids from tumor samples for our oncology cell therapy clinical studies. This has allowed our team to gain substantial experience in developing a robust and streamlined organoid platform for rapid organoid production. Our organoid platform is now available as a service for clients to further advance your oncology and immunotherapy research.

*Deliverable: Rapid cultivation of primary tumor cells as a one stop solution from tumor procurement to final organoid product and characterization*

Our experienced Organoid team can generate your organoids in a matter of weeks!

- Growing tumor cells is time-consuming and labor-intensive
- Using our organoid platform, we can quickly grow tumor cells for your research and development needs
- Organoids can be grown using client tumor samples or using our extensive catalog of tumor samples from a variety of cancer indications
- Organoids generally available within 2-6 weeks
- We can further carry out characterization assays as well as custom assays on the organoids
- Using our customized services, you can significantly speed up your oncology drug development while we handle all of your organoid needs from tumor sample procurement to assaying the organoid
- As part of our [informatics services](#), we also provide single cell sequencing and data rich analysis of the organoids to further enhance your project and provide the data you need
- **Super-fast and convenient!**



# Organoid Fact Sheet

Organoids are complex, self-organizing microtissues grown embedded within 3-D extracellular matrix. Primary patient-derived organoids have been described for various cancerous tissues and preserve genomic and physiological characteristics of the tumor tissues. Organoids are invaluable pre-clinical models for studying cancer and offer many advantages over existing human or non-human animal cancer models and can be used to rapidly generate pre-clinical *ex-vivo* data for IND applications.

## Applications

- Anticancer agent discovery and development
- Disease modelling
- Immuno-oncology assays
- Compound safety and toxicity testing

- **No risk guarantee\***
- **Discounted Academic rates available**
- **Complimentary single cell sequence analysis of the tumor organoids by our informatics team is included as part of the project\*\***

\*First 3 organoids guaranteed with 25% of the price upfront (fully refunded if we are unable to deliver the organoids) \*\*Minimum project size required.

Contact us



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