cells in focus ibidi®

ibidi Solutions for Cancer Research

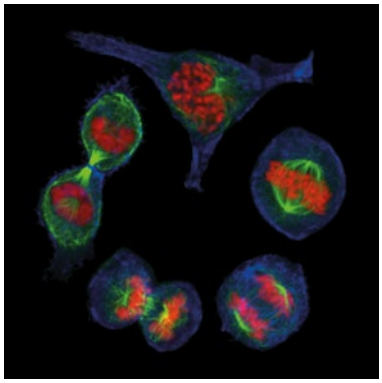
Tailored for Your Assay

Tumor Cell Analysis | 3D Models of Cancer | Tumor Vascularization | Immuno-oncology | Invasion and Metastasis

Cancer research is a major focus at ibidi. We develop solutions that enable the *in vitro* investigation of cancer cell behavior.

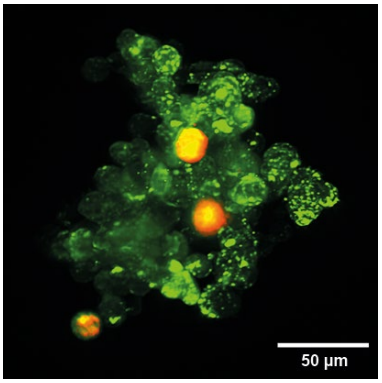
Did you know?

More than 16,000 cancer-related publications cite ibidi products.



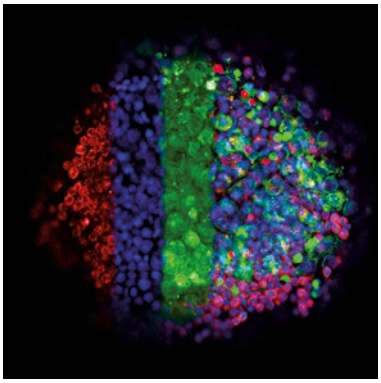
MCF7 breast cancer cells during the different stages of mitosis on a Glass Bottom Dish 35 mm.

Data by O. Tapia and A. Medina, University of Cantabria, Santander, Spain.



Organoid co-culture of PDAC cells (green) and fibroblasts (red) in the µ-Slide Spheroid Perfusion.

Light sheet microscopy by S. Volkery at MPI Muenster. Sample provided by K. Roth, University Marburg, Germany.



3D growth of germ cell tumor cells (green) and lymphocytes (red) in the µ-Plate 96 Well.

Data by G. Ludwig, D. Nettersheim, University Hospital Düsseldorf, Germany.

Find more solutions for studying cancer cells at: ibidi.com/cancer

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ibidi Solutions for Cancer Research

Immunofluorescence

Simplify your IF protocol:
The ibidi chambers combine optimal conditions for immunofluorescence stainings and high-resolution microscopy.

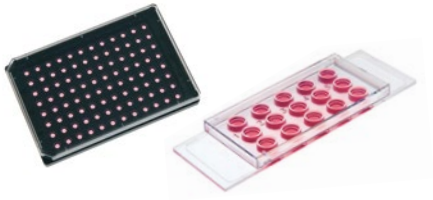
3D Models of Cancer

Create a physiologic environment:
Specialized ibidi labware enables spheroid and organoid culture. ibidi Collagen I provides ECM structures.

Immunooncology and Microenvironment

Analyze the tumor-stroma interaction:
The ibidi chambers are ideal for functional cell-based assays using cancer and immune cells.

Tumor Vascularization



Reduce the gel amount:
The µ-Slide 15 Well 3D and the µ-Plate 96 Well 3D facilitate tube formation assays.

Tumor Cell Migration

Standardize your cell migration assays:
The ibidi Culture-Inserts have defined cell-free gaps for easy and reproducible wound healing assays.

Chemotaxis

Establish stable long-term gradients:
The µ-Slide Chemotaxis has a special geometry for chemotaxis assays in 2D/3D with slow or fast migrating cells.

Cancer Cells Under Flow

Analyze the metastatic process:
The ibidi Pump System and the channel slides are optimal for cell culture under flow assays.

Live Cell Imaging and Hypoxia

Create physiologic conditions:
The ibidi Stage Top Incubators enable live cell microscopy with precisely controlled temperature, humidity, CO_2, and O_2.

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