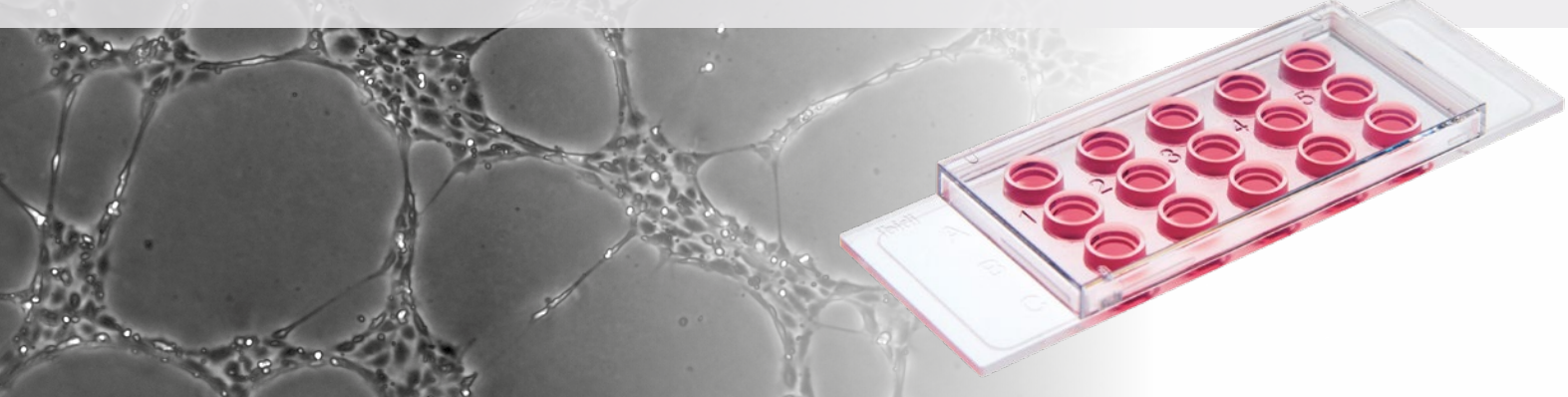


Angiogenesis Assays

Tube Formation | Sprouting Assays | 3D Cell Culture



✓ **Brilliant Visualization of Cells**

No gel meniscus formation—all cells in one focal plane

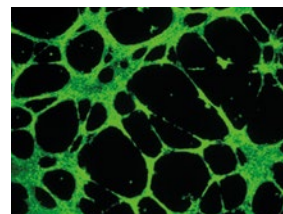
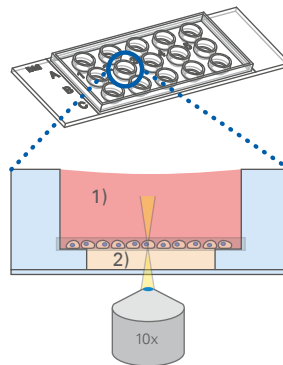
✓ **Cost-Effective Experiments**

Only 10 µl gel per well needed

✓ **Ideal for 3D Cell Culture**

Broad range of gels (e.g., Matrigel®, collagen, and agarose)

µ-Slide 15 Well 3D

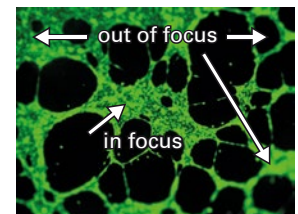
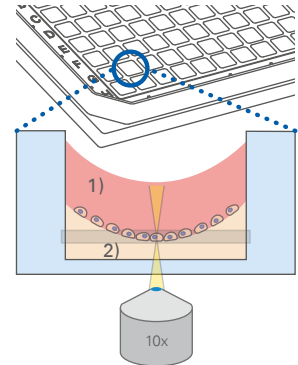


1) *Planar air-liquid interface:*
good contrast all over the observation area

2) *Planar gel surface:*
all cells are in one optical plane for easy and fast imaging

Volume of Matrigel: 10 µl

Standard 96 Well Plate



1) *Meniscus on air-liquid interface:*
poor contrast in most of the observation area

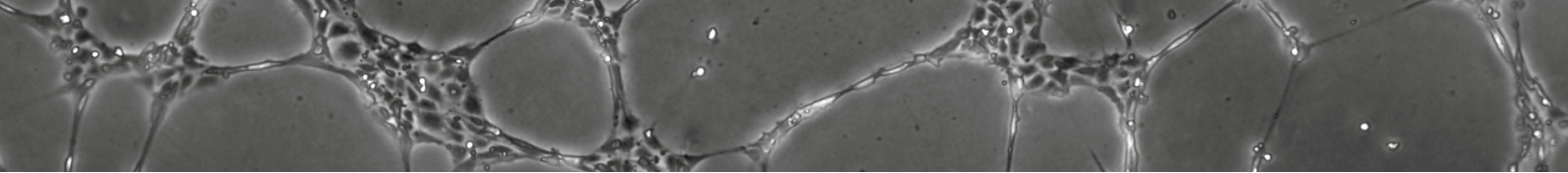
2) *Meniscus on the gel surface:*
not possible to focus on all cells simultaneously

Volume of Matrigel: 100 µl



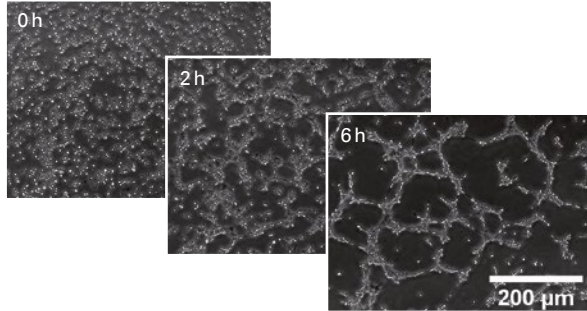
Download a detailed Application Guide at:
ibidi.com/AngioGuide





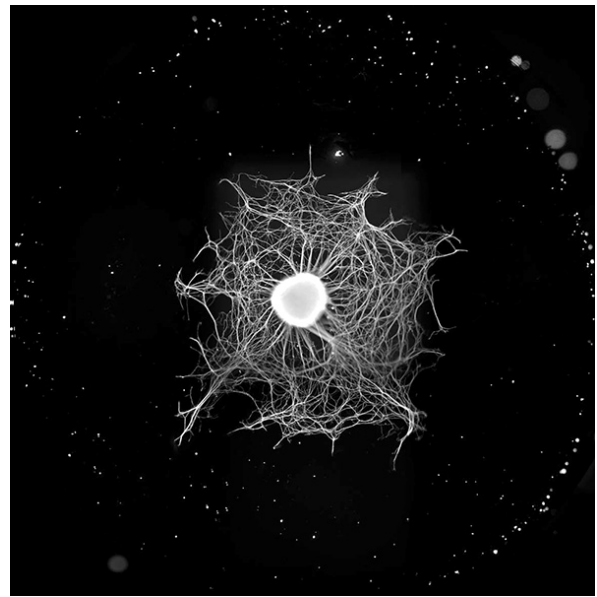
Live Cell Imaging

Get brilliant microscopic images in real time under physiological conditions—without a gel meniscus.



ibidi Stage Top Incubator

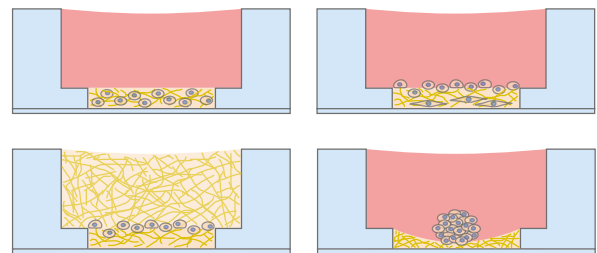
The ibidi solution for creating and maintaining a physiological environment under the microscope



Murine embryonic dorsal root ganglion, cultured in an ibidi μ -Slide 15 Well 3D, stained against beta III tubulin. i3S BioSciences Screening Unit. Image by Estrela Do Céu Neto, University of Porto, Portugal.

3D Cell Culture

We provide easy and cost-effective solutions for cultivation and imaging of cells embedded in or on top of gel matrices. The gel layer remains open to the medium reservoir above, allowing for efficient medium exchange through diffusion. Other applications include studying invasion behavior in co-culture experiments or developing sandwich cultures.



FREE SAMPLES: [ibidi.com/free-samples](https://www.ibidi.com/free-samples)

81501	μ-Slide 15 Well 3D Uncoated: #1.5 polymer coverslip, hydrophobic, sterilized
81506	μ-Slide 15 Well 3D ibiTreat: #1.5 polymer coverslip, tissue culture-treated, sterilized
81507	μ-Slide 15 Well 3D Glass Bottom: #1.5H (170 μ m +/- 5 μ m) D 263 M Schott glass, sterilized
89646	μ-Plate 96 Well 3D ibiTreat: #1.5 polymer coverslip, tissue culture-treated, black plate, sterilized
89647	μ-Plate 96 Well 3D Glass Bottom: #1.5H (170 \pm 5 μ m) D 263 M Schott glass, black plate, sterilized