Technology Platforms for 3D Cell Culture

A User's Guide

Edited by
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With the recognition that cells live in complex, three-dimensional (3D) tissue, it should come as no surprise that many laboratories are transitioning from conventional two-dimensional (2D) cell culture in Petri dishes to 3D cell culture techniques – but where to begin? *Technology Platforms for 3D Cell Culture: A User's Guide* points to the current options available to perform 3D culture, shows where such technology is available, explains how it works and reveals how it can be used by scientists working in their own labs.

Featuring contributions from leading developers and researchers at the cutting edge of today's 3D cell technology, the chapters present a comprehensive, focused guide to the current state-of-the-art technologies available for 3D cell culture, along with clear instructions and guidance on performing specific 3D culture methods. Colour illustrations are included, along with examples of where such technologies have been successfully applied, information on resources and technical support to help initiate the use of 3D culture methods.

Technology Platforms for 3D Cell Culture: A User's Guide is an indispensable single-volume resource for students, laboratory-based scientists and cell biologists seeking knowledge of the state-of-the-art technologies currently available for 3D cell culture.

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