

Title (en)

METHOD AND DEVICE FOR THE CELL-TRACK-BASED EXAMINATION AND CULTIVATION OF CELLS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ZELLSPURBASIERTEN ZELLUNTERSUCHUNG UND ZELLKULTIVIERUNG

Title (fr)

TECHNIQUE ET DISPOSITIF PERMETTANT D'ETUDIER ET DE CULTIVER DES CELLULES SUR LA BASE DE LEURS TRACES

Publication

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Application

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Abstract (en)

[origin: WO0036415A1] The invention relates to a method for the cell-track-based examination of biological cells, according to which the cells (16) are applied to an at least partly structured and/or surface-modified substrate (11) and move across track areas (13, 15) of the surface of the substrate in an adhesive manner such that they generate cell tracks (14a, 14b) which consist of material residues separated by the cells. The cells are then studied on the basis of these tracks. The invention further relates to a method for cultivating cells on substrates modified in a biocompatible manner whose surfaces are covered in cell tracks.

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