

Title (en)
ORGAN SYSTEM MICROARRAYS

Title (de)
ORGAN SYSTEM MICROARRAYS

Title (fr)
MICROECHANTILLONS DE SYSTEMES D'ORGANES

Publication
EP 1344057 A2 20030917 (EN)

Application
EP 01998129 A 20011112

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Abstract (en)
[origin: WO02061424A2] Organ system microarrays are provided comprising a substrate including a plurality of locations. Each location comprises a scaffold for supporting the growth and/or proliferation of cells and at least one cell type. The microarrays provide reagents for testing the biological effect of test compounds on the function of miniature organ systems. In a further aspect of the invention, the microarrays allow expression profiles of an individual or population of individuals to be determined and compared. The organ system microarrays can be used in parallel with small animal testing or in post-animal testing to further characterize lead compounds prior to entering clinical trials, thus creating a substantial cost saving through the early elimination of lead compounds not likely to work <u>in vivo</u>.

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