

Title (en)

HIGH-THROUGHPUT TISSUE MICROARRAY TECHNOLOGY AND APPLICATIONS

Title (de)

HIGH-THROUGHPUT-GEWEBE-MICROARRAYS-TECHNOLOGIE UND DEREN VERWENDUNGEN

Title (fr)

TECHNOLOGIE DE MICRO-MATRICE DE TISSUS A HAUT DEBIT ET APPLICATIONS

Publication

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Application

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Priority

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Abstract (en)

[origin: WO0142796A1] A method and apparatus are disclosed for a high-throughput, large-scale molecular profiling of tissue specimens by retrieving a donor tissue specimen from an array of donor specimens, placing a sample of the donor specimen in an assigned location in a recipient array, providing substantial copies of the array, performing a different biological analysis of each copy, and storing the results of the analysis. The results may be compared to determine if there are correlations or discrepancies between the results of different biological analyses at each assigned location, and also compared to clinical information about the human patient from which the tissue was obtained. The results of similar analyses on corresponding sections of the array can be used as quality control devices, for example by subjecting the arrays to a single simultaneous investigative procedure. Uniform interpretation of the arrays can be obtained, and compared to interpretations of different observers.

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Cited by

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