

Title (en)

MAGNETO-OPTICAL BIO-DISCS AND SYSTEMS INCLUDING RELATED METHODS

Title (de)

MAGNETOOPTISCHE BIO-DISKS UND SYSTEME EINSCHLIESSLICH DAMIT VERBUNDENER VERFAHREN

Title (fr)

BIO-DISQUES MAGNETO-OPTIQUES ET SYSTEMES UTILISANT DES TECHNIQUES EN RAPPORT

Publication

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Application

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Abstract (en)

[origin: WO03046511A2] The present invention relates in general to molecular and cellular biomagnetic assays and, in particular, to molecular and cellular biomagnetic assays conducted on magneto-optical bio-discs. The invention further relates to magneto-optical bio-disc systems including the magneto-optical bio-discs and MO drives. More specifically, but without restriction to the particular embodiments hereinafter described in accordance with the best mode of practice, this invention relates to biomagnetic methods, including immunomagnetic methods, for detection and selective manipulation of specific target cells in cell populations and solutions of cell populations, using magnetic particles or beads, and to magnetically guided neurite growth, nerve regeneration, and magnetically formed neural networks using the MOBDS.

[origin: WO03046511A2] The present invention relates in general to molecular and cellular biomagnetic assays and, in particular, to molecular and cellular biomagnetic assays conducted on magneto-optical bio-discs. The invention further relates to magneto-optical bio-disc systems including the magneto-optical bio-discs and MO drives. More specifically, but without restriction to the particular embodiments hereinafter described in accordance with the best mode of practice, this invention relates to biomagnetic methods, including immunomagnetic methods, for detection and selective manipulation of specific target cells in cell populations and solutions of cell populations, using magnetic particles or beads, and to magnetically guided neurite growth, nerve regeneration, and magnetically formed neural networks using the MOBDS.

IPC 1-7

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IPC 8 full level

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IPC 8 main group level

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