Title (en)

METHOD AND SYSTEM FOR SELECTING THERAPEUTIC TARGETS USING MOLECULAR INTERACTION DYNAMIC NETWORKS

Title (de)

VERFAHREN UND SYSTEM ZUM WÄHLEN THERAPEUTISCHER ZIELE UNTER VERWENDUNG DYNAMISCHER MOLEKULAR-WECHSELWIRKUNGSNETZWERKE

Title (fr)

METHODE ET SYSTEME DE SELECTION DE CIBLES THERAPEUTIQUES PAR L'UTILISATION DE RESEAUX DYNAMIQUES D INTERACTIONS MOLECULA IRES

Publication

EP 1649405 A2 20060426 (FR)

Application

EP 04786022 A 20040730

Priority

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Abstract (en)

[origin: WO2005013173A2] The invention concerns the field of integrative analysis of molecular interactions in a biological system. In particular, the invention concerns a method for obtaining a dynamic model of a network of molecular interactions in a biological system, enabling said interactions to be analyzed when a stimulus is applied to the dynamic model, in particular to establish a hierarchy of biological molecules or to select therapeutic targets with respect to a specific biological problem, in particular to define a therapeutic action to be applied to said molecules. The invention also concerns a computer system for obtaining a dynamic model of a network of molecular interactions in a biological system, and the analysis of said molecular interactions when a stimulus is applied to the dynamic model, the computer system comprising at least one central processing unit connected to at least one quantitative experimental database.

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CPC (source: EP US)

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Citation (search report)

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