

Title (en)

METHODS FOR ANALYZING COMPONENTS OF GLYCAN CONTAINING MICROPARTICLES

Title (de)

VERFAHREN ZUR ANALYSE VON KOMPONENTEN AUS GLYCANHALTIGEN MIKROPARTIKELN

Title (fr)

PROCÉDÉS D'ANALYSE DE COMPOSANTS DE MICROPARTICULES CONTENANT DES GLYCANES

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Application

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Abstract (en)

[origin: WO2011077399A1] The invention provides methods for isolating, characterizing, comparing, and using novel components of biological fluids that are characterized on the basis of post-translational modifications of cell surface. In particular, Glycan- containing Microparticles (Glyco-MPs) populations have been characterized on basis of their dimension and the presence of specific glycan epitopes (such as polysialic acid) on their surface, Phospholipids (such as phosphatidylserine) and/or cell type- specific antigens can be also used as additional criteria for isolating, characterizing, comparing, and/or Glyco-MPs populations. The novel methods allow the detection and isolation of Glyco-MPs that can be used for defining biomarkers within biological fluids that are relevant in the diagnosis or monitoring diseases, and/or in the evaluation of the therapeutic efficacy of a medical treatment or a candidate drug.

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