

Title (en)

DEVICES AND METHODS FOR PURIFICATION, DETECTION AND USE OF BIOLOGICAL CELLS

Title (de)

VORRICHTUNGEN UND VERFAHREN ZUR REINIGUNG, DETEKTION UND VERWENDUNG BIOLOGISCHER ZELLEN

Title (fr)

DISPOSITIFS ET PROCÉDÉS DE PURIFICATION, DE DÉTECTION ET D'UTILISATION DE CELLULES BIOLOGIQUES

Publication

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Application

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Abstract (en)

[origin: WO2015154048A1] This invention relates to devices and methods for purifying, detecting and using biological cells. A variety of cell types including viable tumor, stem, immune and sperm cells can be purified from a complex biological sample using a column, including a pipette tip column. Methods of the invention can aid research, diagnosis and treatment of cancer. Purified viable cells can be detected on the column or eluted from the column and detected. Cells on a column can be used as a stationary phase for liquid chromatography. Cells may be removed, recovered and analyzed.

IPC 8 full level

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Citation (search report)

- [A] US 5773224 A 19980630 - GRANDICS PETER [US], et al
- [AP] WO 2014127314 A1 20140821 - PHYNEXUS INC [US], et al
- [X] LI CUIQIN ET AL: "Establishment of the model of white blood cell membrane chromatography and screening of antagonizing TLR4receptor component from *Atractylodes macrocephala* Koidz", SCIENCE IN CHINA. SERIE C: LIFE SCIENCE, GORDON AND BREACH, AMSTERDAM, NL, vol. 49, no. 2, 25 March 2006 (2006-03-25), pages 182 - 189, XP035977382, ISSN: 1006-9305, [retrieved on 20060325], DOI: 10.1007/S11427-006-0182-7
- See references of WO 2015154048A1

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