



55375_Auto_Edited.docx

Quotes Included
Bibliography Included0%
SIMILAR**Name of Journal:** *World Journal of Clinical Oncology***Manuscript NO:** 55375**Manuscript Type:** ORIGINAL ARTICLE*Observational Study***Evolutionary model of Brain Tumor Circulating Cells: Cellular Galaxy**

Evolutionary model of brain CTCs

Parvin Mehdipour, Firoozeh Javan, Morteza Faghih Jouibari, Mehdi Khaleghi, Masoud

Mehrazin

Match Overview

There are no matching sources for this report.



ALL

IMAGES

VIDEOS

105,000 Results

Any time ▾

Current Understanding of Circulating Tumor Cells ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4530310>

Introduction. Detection of **circulating tumor cells** (CTCs) is of current great interest in central nervous system (CNS) malignancies because of recent intriguing reports, suggesting that **cells** from a proportion of patients with glioblastoma multiforme (GBM) may be detectable in the bloodstream (1–3). Outwit the CNS field, detection of CTCs represents a promising non-invasive technique to ...

Cited by: 9

Author: Lukasz A Adamczyk, Hannah R Williams, H...

Publish Year: 2015

Recent advances in the biology of human circulating tumour ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5070257>

These **cells** were cultured, and on transplantation in mice, these CTC **cell** lines were highly invasive and capable to generate **brain** and lung metastasis in animal **models**. 35 However, the first example of CTC cultures with the aim of individualised drug testing was provided in a different study. 98 In that study oligoclonal CTC cultures were ...

Cited by: 22

Author: Sofia Gkountela, Barbara Szczerba, Cinzia ...

Publish Year: 2016

Brain Tumor Cells in Circulation are Enriched for

Search Tools

Turn on Hover Translation (开启取词)

激活 Windows

转到“设置”以激活 Windows。

ALL

IMAGES

VIDEOS

104,000 Results

Any time ▾

[Current Understanding of Circulating Tumor Cells ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4530310>

Introduction. Detection of **circulating tumor cells** (CTCs) is of current great interest in central nervous system (CNS) malignancies because of recent intriguing reports, suggesting that **cells** from a proportion of patients with glioblastoma multiforme (GBM) may be detectable in the bloodstream (1–3). Outwit the CNS field, detection of CTCs represents a promising non-invasive technique to ...

Cited by: 9

Author: Lukasz A Adamczyk, Hannah R Williams, H...

Publish Year: 2015

[Brain Tumor Cells in Circulation are Enriched for ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4221467>

Similarly, most GBM **cells** expressing only mesenchymal transcripts were present in perinecrotic foci enriched in palisading **cells** (mean M **cells**: $65.0 \pm 5.7\%$), compared with the frequency of M-only **cells** in the total **tumor cell** population (mean M **cells**: $14.1 \pm 12.1\%$; $P = 0.014$) (Figure 4C).

Cited by: 138

Author: James P Sullivan, Brian Vala Nahed, M. W. ...

Publish Year: 2014

[The molecular genomics of metastatic brain tumours](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4229688>

Incidence and current therapeutic options. There are approximately 200,000 newly diagnosed cases of **brain** metastases annually in the United States, 10-fold greater than primary **brain cancer** 1,2. Current estimates indicate that up to 40% of patients with a systemic primary **cancer** will develop a metastatic **brain** tumour (MBT) 3. A majority of **brain** metastases come from lung **cancer** (50–60% ...

Cited by: 11

Author: A Bollig-Fischer, SK Michelhaugh, R Ali-Feh...

Publish Year: 2013

[Frontiers | Cellular Potts Modeling of Tumor Growth, Tumor ...](#)

<https://www.frontiersin.org/articles/10.3389/fonc.2013.00087/full> ▾

Keywords: **cellular Potts model**, **cell-based modeling**, **tumor growth model**, **evolutionary tumor model**, **tumor metastasis model**, multiscale modeling, **tumor invasion model**. Citation: Szabó A and Merks RMH (2013) **Cellular Potts** modeling of **tumor** growth, **tumor** invasion, and **tumor evolution**. Front. Oncol. 3:87.

Search Tools

[Turn off Hover Translation](#)



ALL

IMAGES

VIDEOS

144,000 Results

Any time ▾

Brain Tumor Cells in Circulation Are Enriched for ...

<https://cancerdiscovery.aacrjournals.org/content/4/11/1299> ▾

Nov 01, 2014 · Glioblastoma (GBM) is a highly aggressive **brain cancer** characterized by local invasion and angiogenic recruitment, yet metastatic dissemination is extremely rare. Here, we adapted a microfluidic device to deplete hematopoietic **cells** from blood specimens of patients with GBM, uncovering evidence of **circulating brain tumor cells** (CTC). Staining and scoring criteria for GBM ...

Cited by: 135

Author: James P Sullivan, Brian Vala Nahed, M. ...

Publish Year: 2014

Brain Tumor Cells in Circulation are Enriched for ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4221467>

Similarly, most GBM **cells** expressing only mesenchymal transcripts were present in perinecrotic foci enriched in palisading **cells** (mean M **cells**: $65.0 \pm 5.7\%$), compared with the frequency of M-only **cells** in the total **tumor cell** population (mean M **cells**: $14.1 \pm 12.1\%$; $P = 0.014$) (Figure 4C).

Search Tools

Turn off Hover Translation (关闭取词)