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Noninvasive tools based on immune biomarkers in CSF for the diag



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[Seeking biomarkers for acute graft-versus-host disease ...](#)

<https://biomarkerres.biomedcentral.com/articles/10.1186/s40364-019-0167-x>

Aug 07, 2019 · Acute graft-versus-host disease (aGVHD) is one of the most important complications **after** allogeneic hematopoietic stem cell transplantation (**allo-HSCT**), which would seriously affect the clinical outcomes of patients. Early **diagnosis** and early intervention are keys for improving its curative efficacy. Thus, seeking the **biomarkers** of aGVHD that can accurately identify and diagnose aGVHD is very ...

Cited by: 1

Author: Xiao-Su Zhao, Xiao-Jun Huang

Publish Year: 2019

[The search for drug-targetable diagnostic, prognostic and ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6017989>

In another study, allo-HSCT patients with a history of **cGVHD** showed a **deficiency** in **IgM memory cells** was found in allo-HSCT also associated with the development of **cGVHD** . Last, high **plasma BAFF/B-cell ratio** was detected in cGVHD patients compared to healthy patients . Effector and regulatory T cells.

Cited by: 4

Author: Hong Gang Ren, Djamilatou Adom, Soph...

Publish Year: 2018

[Opportunities and Challenges of Proteomics in Pediatric ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4361082>

6. Experimental models to discover **biomarkers** and as a **tool** for drug development. The paucity of **biomarkers** resulting from human-**based** discovery studies is due in part to the limited availability of appropriate quality biospecimens that overcome potential collection variability.

Cited by: 4

Author: Sophie Paczesny, Christine Duncan, Davi...

Publish Year: 2014

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[Noninvasive characterization of Alzheimer's disease by ...](#)

<https://advances.sciencemag.org/content/6/50/eabb1654> ▾

1 day ago · The lack of accessible **noninvasive tools** to examine the molecular alterations occurring in the brain limits our understanding of the causes and progression of Alzheimer's **disease** (AD), as well as the identification of effective therapeutic strategies. Here, we conducted a comprehensive profiling of circulating, cell-free messenger RNA (cf-mRNA) in plasma of 126 patients with AD and 116 ...

[Noninvasive Micromarkers - PubMed Central \(PMC\)](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4149835>

Pioneering studies characterizing miRNAs as fluid-based **biomarkers** have typically used an individual miRNA or a panel of miRNAs to distinguish between cohorts, and statistical measures such as the areas under ROC curves indicate that they have **diagnostic** accuracies ranging from 70% to 95% (34, 35).

[The search for drug-targetable diagnostic, prognostic and ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6017989>

2. Definition of **biomarkers**. As highlighted in the National Institutes of Health (NIH) Consensus Development Project on Criteria for Clinical Trials in Chronic **Graft-versus-host Disease** Report, as well as mentioned by the North American and European Consortium, a **biomarker** is 'a characteristic that is objectively measured as an indicator of normal biological or pathogenic processes, or ...

Cited by: 4 **Author:** Hong Gang Ren, Djamilatou Adom, Soph...

Publish Year: 2018

[Biomarkers for immunotherapy for treatment of ...](#)

<https://jitc.bmj.com/content/8/1/e000348> ▾

May 01, 2020 · Introduction. **Immune-based** therapies harness a patient's **immune system** to

Name of Journal: *World Journal of Clinical Cases*
Manuscript NO: 58944
Manuscript Type: CASE REPORT

Noninvasive tools based on immune biomarkers for the diagnosis of central nervous system graft-vs-host disease: Two case reports and review of literature

Hai-Rong Lyu, Xiao-Yuan He, Hong-Jun Hao, Wen-Yi Lu, Xin Jin, Yu-Jiao Zhao, Ming-Feng Zhao

Abstract

BACKGROUND

Central nervous system graft-vs-host disease (CNS-GVHD) is a rare cause of CNS disorders after allogeneic hematopoietic stem cell transplantation. Currently, establishing a diagnosis of CNS-GVHD is challenging because the diagnostic criteria and diagnostic methods are not well defined and many

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Non-Invasive Imaging of Vascular Inflammation

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4135304>

Aug 18, 2014 · The **diagnosis** of small and medium vessels vasculitis is generally **based** on clinical findings, serological markers, and histological evaluation . LVV include giant cell arteritis (GCA), Takayasu arteritis (TAK), primary **central nervous system** vasculitis (PCNSV), and chronic periaortitis (CP) . The most common LVVs are GCA and TAK in which the ...

Cited by: 23

Author: Enrico Ammirati, Francesco Moroni, Pat...

Publish Year: 2014

Biological Marker Candidates of Alzheimer's Disease in ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6493996>

Moreover, **biomarkers** cover a variety of roles and functions such as **disease** prediction, indicating **disease** acuity and progression, and may ensure biological mapping of treatment outcome. Early screening, detection, and **diagnosis** of AD would permit earlier **disease** modifying intervention at potentially reversible stages.

Cited by: 173

Author: Philine Schneider, Harald Hampel, Haral...

Publish Year: 2009

RATIONAL DESIGN OF PROTEIN-BASED ... - PubMed Central (PMC)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4011496>

With improvement of the technology, MRI has become one of the leading imaging techniques for diagnostics, monitoring treatment, and progression of many types of diseases, such as **central nervous system** (CNS) disorders, cardiovascular disorders, and cancer. 4–9,13 Applications of **noninvasive** MRI techniques with high resolution becomes even ...

Cited by: 67

Author: Shenghui Xue, Jingjuan Qiao, Fan Pu, M...

Publish Year: 2013

Diagnosis and management of primary central nervous system ...

<https://acsjournals.onlinelibrary.wiley.com/doi/full/10.1002/cncr.30965>