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tory response (M1-like). Bone marrow mononuclear cells (BMNC) are a source of naïve macrophages capable of reducing joint inflammation and producing molecules essential for cartilage metabolism. This study investigated the response of BMNC to normal (SF) and inflamed synovial fluid (ISF). Equine BMNC cultured in autolo-

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Bone marrow mononuclear cells (BMNC) are a source of naïve macrophages capable of reducing joint inflammation and producing molecules essential for cartilage metabolism. This study investigated the response of BMNC to normal (SF) and inflamed synovial fluid (ISF).

Cited by: 2 Author: Bruno C. Menarim, Kiersten H. Gillis, An...
Publish Year: 2020

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Why are macrophages important for skeletal muscle regeneration? ▾

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Macrophages play a critical role in the initiation, maintenance, and resolution of inflammation. They are activated and deactivated in the inflammatory process. Activation signals include cytokines (interferon gamma, granulocyte-monocyte colony stimulating factor, and tumor necrosis factor alpha), bacterial lipopolysaccharide, extracellular matrix proteins, and other chemical mediators.

Cited by: 1151 Author: Nagatoshi Fujiwara, Kazuo Kobayashi

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Inflammation, Fracture and Bone Repair

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Author: Florence Loi, Luis A. Córdova, Luis A. Córd...

Publish Year: 2016

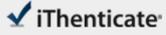
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accomplished, **macrophages** then **resolve inflammation**, recovering **joint health**. **Macrophages** in the **bone marrow** (BMNC - **bone marrow mononuclear cells**) are used to treat inflammation in several tissue

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Name of Journal: *World Journal of Stem Cells*

Manuscript NO: 64663

Manuscript Type: REVIEW

Bone marrow mononuclear cells for joint therapy: The role of macrophages in inflammation resolution and tissue repair

Menarim BC *et al.* Macrophage-mediated regulation of joint homeostasis

Bruno C Menarim, James N MacLeod, Linda A Dahlgren

Abstract

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Author: Bruno C. Menarim, Kiersten H. Gillis, Andre...

Publish Year: 2019

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How are macrophages involved in the inhibition of inflammation? ▾

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Feedback

Macrophages in inflammation - PubMed

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In **inflammation**, **macrophages** have three major function; antigen presentation, phagocytosis, and immunomodulation through production of various cytokines and growth factors. **Macrophages** play a...

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Author: Nagatoshi Fujiwara, Kazuo Kobayashi

Publish Year: 2005

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