The Biological Effects of Interleukin-6 and Their Clinical Applications in Autoimmune Diseases and Cancers

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Interleukin-6 (IL-6) is one of the pro-inflammatory cytokines involved in pathogenesis of various autoimmune and chronic inflammatory diseases. IL-6 through binding to its cellular receptor can transduce both classical- and trans-signaling pathways. ...

Remission of Glucocorticoid-Resistant Polymyalgia Rheumatica achieved with Tocilizumab: 2 Case Reports

Published On: November 20, 2017 | Pages: 025 - 027

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Polymyalgia rheumatica (PMR) is an idiopathic inflammatory disease characterized by pain and stiffness around the shoulders, neck and hips. IL-6 is an important cytokine in the pathogenesis of the disease. ...

Idiopathic Intracranial Hypertension: Neuropsychiatric Systemic Lupus Erythematosus or Gonadotropinreleasing hormone agonist side effect?
A 31-year-old systemic lupus erythematosus (SLE) patient presented with headache and blurring of vision. Prior to this, she received 2 doses of monthly triptorelin for endometriosis. On examination, she had bilateral sixth nerve paresis. ...
**Eosinophilic Fasciitis in a Patient with Hepatitis C Virus Infection: Coincidence or Association?**

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Author(s): Samuel Katsuyuki Shinjo* and Fernando Henrique Carlos de Souza

Eosinophilic fasciitis is a rare connective tissue disease characterized by symmetrical and painful swelling with a progressive induration and thickening of the skin and soft tissues. Its etiology is unknown, but possible causes or associated conditions include drugs, physical exercises, autoimmune diseases, neoplasia and infections. ...

**The Complexity of DNA Transcends Epigenetics**

Published On: January 30, 2017 | Pages: 004 - 005

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Availability of new has afforded rheumatologists the opportunity to investigate molecular pathophysiology of joint disease techniques [1,2]. Attempts to relate DNA polymorphisms to disease activity or addresses one aspect susceptibility [3-5]. ...