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Immune Mechanisms

- 17 β -Estradiol Regulates Cytokine Release Through Modulation of CD16 Expression in Monocytes and Monocyte-Derived Macrophages
P. R. Kramer, S. F. Kramer, and G. Guan 1967
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Stephanie K. Hall, David G. Perregaux, Christopher A. Gabel, Thasia Woodworth, L. Kathryn Durham, T. W. F. Huizinga, F. C. Breedveld, and Albert B. Seymour 1976

Animal Models

- Induction of Arthritis in HLA-DR4-Humanized and HLA-DQ8-Humanized Mice by Human Cartilage Proteoglycan Aggrecan but Only in the Presence of an Appropriate (Non-MHC) Genetic Background
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- Role of Interleukin-18 in Experimental Group B Streptococcal Arthritis
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- Local Activation of STAT-1 and STAT-3 in the Inflamed Synovium During Zymosan-Induced Arthritis: Exacerbation of Joint Inflammation in STAT-1 Gene-Knockout Mice
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- Initiation of Degenerative Joint Damage by Experimental Bleeding Combined With Loading of the Joint: A Possible Mechanism of Hemophilic Arthropathy
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Erratum

- Error in Reporting of Mutation Position in Article by Eekhoff et al (Arthritis Rheum, May 2004) 2040

Cover image: The figure on the cover (from Westman et al, page 1777) illustrates immunohistochemical staining of rheumatoid arthritis synovial tissue for the enzyme microsomal prostaglandin E synthase 1. This enzyme catalyzes the formation of prostaglandin E₂. The location of this enzyme in synovial tissue and its inducibility in inflammation suggest that it may be a new target for therapy in rheumatoid arthritis. In this photomicrograph, brown indicates staining for microsomal prostaglandin E synthase 1.