

# Cellular and molecular mechanisms associated with Rheumatoid Arthritis pathophysiology

Autoimmune elements : Autoantigens: citrullinated/carbamylated proteins  
autoantibodies: ACPAs, RF

Genetic /  
Epigenetic  
mechanisms



Methylation  
microRNAs

Genetic  
predisposition  
Environmental  
factors



- Smoking
- Dust
- Periodontal disease

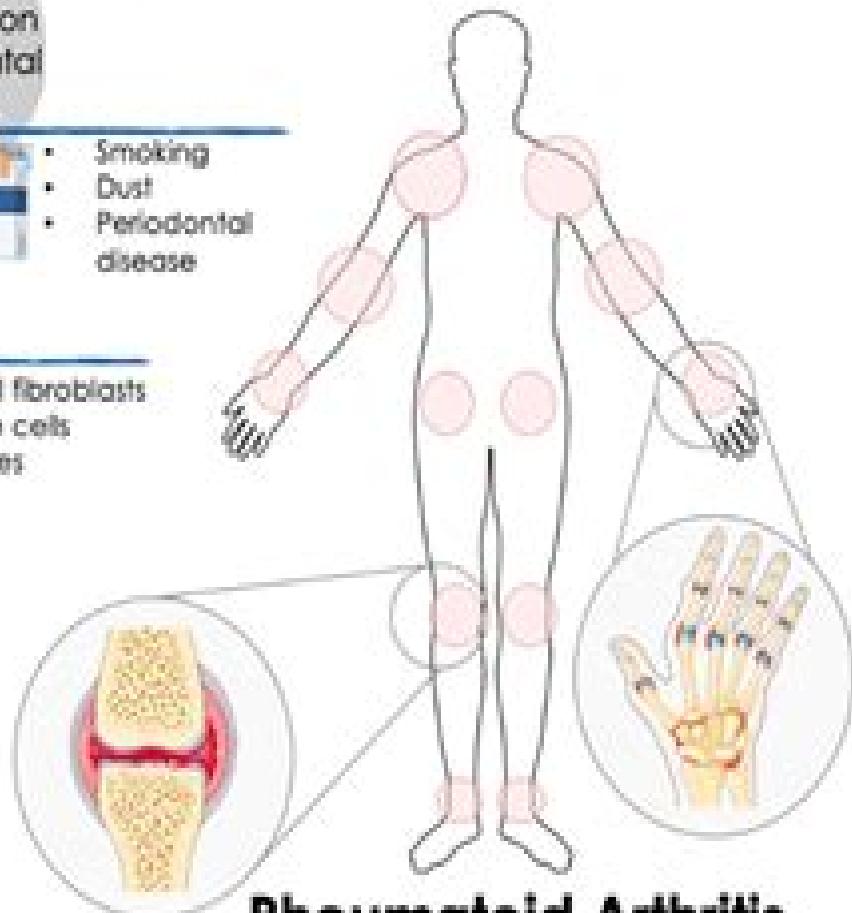
Inflammation

- Synovial fibroblasts
- Immune cells
- Cytokines

Oxidative  
stress



NETosis



# Rheumatic Diseases And The Environment

**JR Anderson**

## **Rheumatic Diseases And The Environment:**

Uncover the mysteries within is enigmatic creation, Discover the Intrigue in **Rheumatic Diseases And The Environment**. This downloadable ebook, shrouded in suspense, is available in a PDF format ( PDF Size: \*). Dive into a world of uncertainty and anticipation. Download now to unravel the secrets hidden within the pages.

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