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**67**  
Role of leptin in the progression of psoriatic, rheumatoid and osteo-arthritis

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### Abstract

Leptin, an adipokine responsible for body weight regulation, may be involved in pathological processes related to inflammation in autoimmune disorders including rheumatoid arthritis and psoriatic arthritis. Psoriatic arthritis, a chronic inflammatory disease of both the skin and the joints, has been associated with a number of systemic manifestations including obesity, metabolic syndrome, and cardiovascular disease. Rheumatoid arthritis is similarly a multisystem disorder associated with high cardiovascular risk and premature death. As a potent mediator of immune responses, leptin has been found in some studies to be elevated in psoriatic arthritis and rheumatoid arthritis. Furthermore, current potent biologic treatments effectively used in psoriatic arthritis including

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## The evolving role of obesity in knee osteoarthritis

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## Obesity Hormone May Affect Osteoarthritis - WebMD

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2003年11月4日 - Leptin May Play Key Role in Causing Joint Disease ... shows that leptin stimulated growth factors associated with the progression of osteoarthritis. ... If Your Biologic for RA Fails: What Next? ... Psoriatic Arthritis Joint Care.

### Psoriatic Arthritis, Then - Medscape

[www.medscape.com/viewarticle/780895\\_10](http://www.medscape.com/viewarticle/780895_10) ▼ 翻译此页

2013年3月22日 - From Egyptian mummies to cutting-edge biologics, a look at arthritis past and present. ... This changed in 1948 with the discovery of a test for rheumatoid factor. ... Effect of vitamin D supplementation on progression of knee pain and cartilage

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作者: J Conde - 2013 - 被引用次数: 21 - 相关文章

2013年2月21日 - But most studies revealed a catabolic **role of leptin** at cartilage level. ...  
most relevant effects of **leptin** and adiponectin in **osteoarthritis** and **rheumatoid arthritis**. ...  
no association between **leptin** levels and hand OA **progression** or severity has ..... Sep  
02, 2010 The Genetics of **Psoriatic Arthritis**: Lessons from ...

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[www.arthritis-research.com/content/17/1/141](http://www.arthritis-research.com/content/17/1/141) ▾ 翻译此页

2015年6月1日 - Although many candidate biomarkers for **rheumatoid** and **psoriatic arthritis** have been ... predictive of joint damage in **RA** and **PsA** is of critical **importance**.  
.... visfatin and **leptin** correlated with measures of radiographic **progression**. ..... (IL)-33  
levels in **rheumatoid arthritis**, **psoriatic arthritis** and **osteoarthritis**.

### Oxford Textbook of Rheumatology - 第 427 页 - Google 图书...

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Richard A. Watts, Philip G. Conaghan, Christopher Denton - 2013 - Medical

Table 58.2 Adipokines in **rheumatoid arthritis** Systemic parameters Local ... Synovial