



21316-Review

 Quotes Excluded  
 Bibliography Excluded

 13%  
 SIMILAR

## Match Overview



1	<b>CrossCheck</b> 72 words Triantaphyllidou, I.-E., E. Kalyvioti, E. Karavia, I. Lillis, K.E. Kypreos, and D.J. Papachristou. "Perturbations in the HDL	3%
2	<b>CrossCheck</b> 58 words Handbook of Experimental Pharmacology, 2015.	3%
3	<b>Internet</b> 34 words crawled on 26-Jun-2015 flipper.diff.org	2%
4	<b>CrossCheck</b> 30 words Karavia, Eleni A., Dionysios J. Papachristou, Ioanna Kotsikogianni, Irene-Eva Triantafyllidou, and Kyriakos E. Kypreo	1%
5	<b>Internet</b> 29 words www.doi.inf.br	1%
6	<b>Internet</b> 11 words crawled on 24-Feb-2015 intl-pharmrev.aspetjournals.org	1%

Name of Journal: *World Journal of Orthopedics*

ESPS Manuscript NO: 21316

Manuscript Type: Editorial

Bone and high-density lipoprotein: The beginning of a beautiful friendship

Dionysios J Papachristou, Harry C Blair

## Abstract

There is a tight link between bone and lipid metabolic pathways. In this vein, several studies focused on the exploration of high-density lipoprotein (HDL) in the pathobiology of bone diseases, with emphasis to the osteoarthritis (OA) and osteoporosis (OP), the most common bone pathologies. Indeed, epidemiological and *in vitro* data have connected reduced HDL levels or dysfunctional HDL with cartilage destruction and OA development. Recent studies uncovered functional links between HDL and OA fueling the interesting hypothesis that OA could be a chronic element of the metabolic syndrome. Other studies have linked HDL to bone mineral density. Even though at epidemiological levels the results are conflicting, studies in animals as well as *in vitro* experiments have shown that HDL facilitates osteoblastogenesis and bone synthesis and most probably affects osteoclastogenesis and osteoclast bone resorption. Notably, reduced HDL levels result in increased bone marrow adiposity affecting bone cells function. Unveiling the mechanisms that connect HDL and bone/cartilage

网页

图片

学术

高级搜索

Louis, I think this is the beginning of a beautiful friendship ...

[everything2.com/title/Louis%2C+I+think+this+is+the+beginning+of+a+beautiful+frie](http://everything2.com/title/Louis%2C+I+think+this+is+the+beginning+of+a+beautiful+frie)

This is of course the famous end quote from Casablanca, spoken by Humphrey Bogart's Rick to Captain Renault played by Claude Rains. There's a lot said a...

'Casablanca' - a beautiful relationship that starts at the end of the ...

[www.scpr.org/blogs/offramp/2013/07/01/14145/casablanca-a-beautiful-relationship-](http://www.scpr.org/blogs/offramp/2013/07/01/14145/casablanca-a-beautiful-relationship-)

1 Jul 2013 ... I want to introduce Casablanca today by starting at the end of the movie. The very end ... But for us, the beautiful friendship is with the movie.

Casablanca (film) - Wikipedia, the free encyclopedia

[en.wikipedia.org/wiki/Casablanca\\_\(film\)](http://en.wikipedia.org/wiki/Casablanca_(film))

The film has consistently ranked near the top of lists of the greatest films of all ... the fog, Rick says, .Louis, I think this is the beginning of a beautiful friendship.....

10 Health Benefits of Swimming - HowStuffWorks

[health.howstuffworks.com/wellness/aging/retirement/10-health-benefits-of-swimmin](http://health.howstuffworks.com/wellness/aging/retirement/10-health-benefits-of-swimmin)

Start the Countdown. |. 10. Health Benefits of Swimming. Not only is swimming a relaxing activity, it also has a host of health benefits. ©iStockphoto.com/4FR.

polycystic ovary syndrome - Medical Dictionary - The Free Dictionary

[medical-dictionary.thefreedictionary.com/polycystic+ovary+syndrome](http://medical-dictionary.thefreedictionary.com/polycystic+ovary+syndrome)

PCOS symptoms appear as early as adolescence in the form of amenorrhea (missed ... and low levels of high-density lipoprotein (HDL or good ) cholesterol Polycystic





Bone and high-density lipoprotein: The beginning of a beautiful friendship



网页

图片

新闻

视频

购物

更多 ▾

搜索工具

找到约 4,570 条结果（用时 0.42 秒）

## Chest pain treatment - acidrefluxrelief.acidreflux2.xyz

[acidrefluxrelief.acidreflux2.xyz/chest-pain-treatment](http://acidrefluxrelief.acidreflux2.xyz/chest-pain-treatment) - 翻译此页

2015年4月8日 - High Density Lipoproteins means good cholesterol that they are ... Ah, this could be the beginning of a beautiful friendship, Louie. .... The exchanges will not be populated only with bare-bones, high-deductible plans with few ...

## HDL cholesterol and bone mineral density: Is there a ...

[www.ncbi.nlm.nih.gov](http://www.ncbi.nlm.nih.gov) > ... > PubMed Central (PMC) ▾ 翻译此页

作者: CL Ackert-Bicknell - 2012 - 被引用次数: 15 - 相关文章

Low levels of high-density lipoprotein cholesterol (HDL) and bone mineral density (BMD) are risk factors for cardiovascular disease and osteoporosis ...

缺少字词: beginning beautiful friendship

## Asperger's syndrome examples | aspergersbenefits ...

[aspergersbenefits.aspergers5.xyz/aspergers-syndrome-examples...](http://aspergersbenefits.aspergers5.xyz/aspergers-syndrome-examples...) - 翻译此页

2014年11月1日 - What surgical options you have will depend on where your bone spurs are ... Ah, this could be the beginning of a beautiful friendship, Louie. ... the levels of high density lipoproteins to increase which is good cholesterol.

## UCLA scientists uncover immune system's role in bone loss ...

[newsroom.ucla.edu/.../ucla-scientists-uncover-immune-100017](http://newsroom.ucla.edu/.../ucla-scientists-uncover-immune-100017) ▾ 翻译此页

[网页](#)[图片](#)[新闻](#)[视频](#)[更多 ▾](#)[搜索工具](#)

找到约 5,790 条结果 (用时 0.43 秒)

### HDL cholesterol and bone mineral density: Is there a ...

[www.ncbi.nlm.nih.gov](http://www.ncbi.nlm.nih.gov) > ... > [PubMed Central \(PMC\)](#) ▾ [翻译此页](#)

作者: CL Ackert-Bicknell - 2012 - 被引用次数: 15 - 相关文章

Low levels of **high-density lipoprotein** cholesterol (HDL) and **bone** mineral density ..... in cultures results in an inhibition of **early** stage osteoblast maturation [63].

缺少字词: **beautiful friendship**

### Your Guide to a Healthy Heart - NHLBI, NIH

[www.nhlbi.nih.gov](http://www.nhlbi.nih.gov) > ... > [Heart & Vascular Diseases](#) ▾ [翻译此页](#)

**HDL Cholesterol** Level; Heart Disease Risk and Your **LDL** Goal; A Special Type of Risk ... "But," you may still be thinking, "I take **pretty** good care of myself. .... or if you have trouble hearing, bring a **friend** or relative with you to your appointment. .... Major contributors to **high** blood pressure are a family **history** of the disease, ...

### BBC Science - Healthy living: How to live longer

[www.bbc.co.uk/science/0/22019289](http://www.bbc.co.uk/science/0/22019289) ▾ [翻译此页](#)

2013年4月19日 - **Start** young ... We begin to lose **bone density** from our mid-30s, which is a normal part of ageing. ... recently been discovered that **friendship** could actually help us live longer. ... Eating too much **high-calorie** food rich in simple carbohydrates ... NHS watchdog **NICE** has called for them to be banned in food.

### Boil chicken legs recipe for dinner party - Espallat DDS

[smilindogs.com/page-boil-chicken-legs-recipe-for-dinner-party...](http://smilindogs.com/page-boil-chicken-legs-recipe-for-dinner-party...) ▾ [翻译此页](#)

High Altitude Preparation: ... Be **careful** to keep the oil hot enough to fry the chicken, but not so high as it burns the chicken. ... It was **the start of a beautiful friendship**. ... keep the heart healthy by reducing cholesterol and increasing **high density lipoprotein** in the blood