# Article information:

Global research trends in atherosclerosis-related NF-κB: a bibliometric analysis from 2000 to 2021 and suggestions for future research - Zhang - Annals of Translational Medicine  
<https://atm.amegroups.com/article/view/108296/html>

# Article summary:

1. Atherosclerosis is a chronic inflammatory disease that is a leading cause of cardiovascular morbidity and mortality rates.

2. Nuclear factor kappa-B (NF-κB) plays an important role in the pathogenesis of atherosclerosis by regulating lipid metabolism and promoting inflammation.

3. Bibliometric analysis reveals that China has published the most papers on NF-κB in atherosclerosis, and research hotspots include muscle, attenuating atherosclerosis, mesenchymal transition, metabolic disorder, and palmitic acid. Suggestions for future research include exploring the potential therapeutic effects of targeting NF-κB in treating atherosclerosis.

# Article rating:

Appears moderately imbalanced: The article provides some useful information, but is missing several important points or pieces of evidence that would be required to present the discussed topics in a balanced and reliable way. You are encouraged to seek a more balanced perspective on the presented issues by exploring the provided research topics and looking at different information sources.

# Article analysis:

该文章是一篇关于动脉粥样硬化相关NF-κB的文献计量分析，旨在揭示该领域的研究热点、现状和未来发展趋势。文章介绍了动脉粥样硬化的定义、危害以及免疫系统在其发生发展中的作用，重点讨论了NF-κB通路在动脉粥样硬化中的作用机制和调控方式。文章提到了NF-κB通路被多种信号通路激活，并且参与了多种生物学过程，如炎症反应、免疫调节、凋亡等。此外，文章还提到了抑制NF-κB通路可以促进脂质代谢和减少脂质沉积。

然而，该文章存在以下问题：

1. 偏向中国：作者指出中国是发表最多关于动脉粥样硬化相关NF-κB的国家，但没有对这一现象进行解释或分析。这可能会导致读者对该领域其他国家的研究产生误解或忽视。

2. 片面报道：虽然文章提到了NF-κB通路在动脉粥样硬化中的作用机制和调控方式，但没有提到其他可能与NF-κB通路相关的因素，如氧化应激、细胞凋亡等。这可能会导致读者对该领域的认识不够全面。

3. 缺失考虑点：文章没有讨论NF-κB通路在动脉粥样硬化中的负面作用或潜在风险。例如，NF-κB通路过度激活可能会导致炎症反应加剧、免疫系统紊乱等问题。这些问题可能会影响到治疗方案的选择和效果。

4. 偏袒：文章提到了NF-κB通路抑制可以促进脂质代谢和减少脂质沉积，但没有提供足够的证据支持这一主张。此外，文章没有探讨其他可能影响脂质代谢和沉积的因素，如饮食、运动等。

5. 宣传内容：文章强调了NF-κB通路在动脉粥样硬化中的重要性，并且提出了未来研究方向。然而，文章没有提供足够的证据支持这些主张，并且可能会误导读者对该领域的认识。

综上所述，该文章存在一些偏见和不足之处，需要更全面、客观地呈现该领域的研究进展和未来发展方向。

# Topics for further research:

* International research on NF-κB and atherosclerosis
* Other factors related to NF-κB in atherosclerosis
* Negative effects and potential risks of NF-κB in atherosclerosis
* Other factors affecting lipid metabolism and deposition
* Evidence supporting the role of NF-κB in atherosclerosis
* Future research directions for NF-κB and atherosclerosis

# Report location:

<https://www.fullpicture.app/item/b2fffddfe3933bd0b4543e5017d8dbf1>