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# RETRACTED ARTICLE: Cardiomyocyte Apoptosis as a Risk Factor for Ischemic Heart Disease Development (Literature Review)

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**The Editorial Board of the scientific and practical journal “Family Medicine. European Practices” announces the retraction of the article:**

Hryniv O., Romanukha V., Rudnyk V., Baryla N. “Apoptosis of cardiomyocytes as a risk factor for the development of ischemic heart disease (literature review)” No. 2, 2025. (DOI: 10.30841/2786-720X.2.2025.332013)

<https://family-medicine.com.ua/article/view/332013>

The retraction process is initiated by Editorial board.

During the internal editorial audit of the 2025 issues, it was established that the above-mentioned article contains substantial textual borrowings obtained through translation of a foreign-language source without proper citation and academic processing. The article therefore demonstrates clear signs of academic plagiarism and does not meet the criteria for an independent scientific literature review, despite the declared publication type and the authors.

The decision to retract the article was made in accordance with the journal's editorial ethics and academic integrity policy, based on the COPE Retraction Guidelines (2019, updated 2023) and applicable laws of Ukraine.

In line with the COPE recommendations, the retraction has been issued to maintain the integrity of the scientific records and to inform readers about violations of publication ethics.

The Editorial Board has decided to:

- notify the authors about the retraction;
- retract the article from the scientific record without removing it from the archive, in order to preserve the integrity of the records, marking each page of the article as “Retracted”;
- this article should not be cited as a scientific literature;
- publish this retraction notice to ensure transparency of the editorial process on the journal's website and in the print issue;
- inform relevant bibliographic and scientometric databases and affiliated institutions.

The Editorial Board reaffirms its commitment to the principles of academic integrity and international ethical standards. Editorial manuscripts evaluation and peer-review procedures will be further strengthened to prevent similar cases in the future.

*Retraction date: 13 February 2026*

**Editor-in-Chief**  
**Family Medicine. European Practices**  
**Professor Liudmyla Khimion**