

🎓 Education

Institution	Yerevan State Medical Institute
Faculty	Therapeutic
Date	1970 - 1976
Degree name	Qualified specialist

🎓 Scientific Rank/degree

Institution	Military Medical Academy, Leningrad
Date	1984
Degree name	Candidate
Specialty	Medical sciences
Scientific Supervisor	Vladimir Ivashkin
Research Topic	The treatment of patients with ulcer disease by lithium carbonate

Institution	Military Medical Academy, Leningrad
Date	1988
Degree name	Doctor
Specialty	Medical sciences
Research Topic	The treatment of ulcer disease as a problem of functional block regulation

🔬 Scientific interests

- IMMUNOLOGY
- MICROBIOLOGY
- HEMATOLOGY

📖 Publications

Article  
**Deep geological disposal of plastic waste: Pros and cons**  
Hayk Minasyan  
F1000Research 2024 504

Article  
**Oxygen therapy for sepsis and prevention of complications**

*Article*

**Oxycytosis and the role of triboelectricity and oxidation in bacteria clearing from the bloodstream.**

Hayk Minasyan  
European Journal of Microbiology and Immunology 2021 23-28

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*Article*

**Rototrichous: a new type of bacterial flagellation**

Hayk Minasyan  
Archives of Microbiology 2020 519-523

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*Article*

**Blood coagulation: a powerful bactericidal mechanism of human innate immunity**

Hayk Minasyan, Friedrich Flachsbart  
International Reviews of Immunology 2019 3-17

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*Article*

**Sepsis: mechanisms of bacterial injury to the patient.**

Hayk Minasyan  
Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine 2019 19

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*Article*

**Phagocytosis and oxycytosis: two arms of human innate immunity**

Hayk Minasyan  
Immunologic Research 2018 271-280

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*Article*

**Sepsis and septic shock: Pathogenesis and treatment perspectives**

Hayk Minasyan  
Journal of Critical Care 2017 229-242

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*Article*

**Mechanisms and pathways for the clearance of bacteria from blood circulation in health and disease**

Hayk Minasyan  
Pathophysiology 2016 61-66

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*Article*

**Erythrocyte and blood antibacterial defense**

Hayk Minasyan  
European Journal of Microbiology and Immunology 2014 138-143

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*Article*

**Erythrocyte and Leukocyte: Two Partners in Bacteria Killing**

Hayk Minasyan  
International Reviews of Immunology 2014 490-497

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