

# Hayk Azat Minasyan

✉ haykminasyan@ysu.am

## Research Institute of Biology

Laboratory of Applied Biology and Ecology

Senior researcher

## Education

<b>Institution</b>	Yerevan State Medical Institute
<b>Faculty</b>	Therapeutic
<b>Date</b>	1970 - 1976
<b>Degree name</b>	Qualified specialist

## Scientific Rank/degree

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

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

## Scientific interests

- IMMUNOLOGY
- MICROBIOLOGY
- HEMATOLOGY

## Publications

*Article*

### Oxygen therapy for sepsis and prevention of complications

Hayk Minasyan

Acute and Critical Care 2022 137-150

*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

---

*Article*

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

Hayk Minasyan

Archives of Microbiology 2020 519-523

---

*Article*

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

Hayk Minasyan, Friedrich Flachsbart

International Reviews of Immunology 2019 3-17

---

*Article*

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

Hayk Minasyan

Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine 2019 19

---

*Article*

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

Hayk Minasyan

Immunologic Research 2018 271-280

---

*Article*

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

Hayk Minasyan

Journal of Critical Care 2017 229-242

---

*Article*

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

Hayk Minasyan

Pathophysiology 2016 61-66

---

*Article*

**Erythrocyte and blood antibacterial defense**

Hayk Minasyan

European Journal of Microbiology and Immunology 2014 138-143

---

*Article*

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

Hayk Minasyan

International Reviews of Immunology 2014 490-497

---