

Ministry of education and science of Ukraine

V.N. Karazin Kharkiv National University

**Medical microbiology.**  
**Morphology and physiology of microorganisms.**  
**Infection. Immunity**

*A Textbook for Practice*

*2-nd edition*

Kharkiv

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**Medical** microbiology. Morphology and physiology of microorganisms. Infection. Immunity : A Textbook for Practice. – 2-nd ed. / Popov N.N., Malanchuk S.G., Sanina E.S., Ognivenko E.V., Grechishkina J.O., Lyadova T.I., Volobueva O.V. – Kharkiv : V.N. Karazin Kharkiv National University, 2014. – 78 p.

In this textbook we have attempted to meet the need for condensed and readily accessible information about bacteria as agents of human disease. Book describes bacteria structure, metabolism, culture media, staining techniques, sterilization principles. We hope that this book will provide useful information for all health-care professionals, in particular practicing physicians, medical and nursing students, interns and residents.

The pictures and schemes will hopefully entertain as well as provide a helpful visual image of some salient points.

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