



## METADATA

**Title:** Pathophysiology for dietitians Volume A

**Other Titles:** -

**Language:** Greek

**Authors:** Papanikolaou, G., Assistant Professor, HUA, Ioannidou, M., Doctor-Dietitian, Dali, G., PhD, Endocrinologist, Pitsios, K., PhD, Allergist, Plastiras, S., PhD, Cardiologist

**ISBN:** 978-618-228-303-5

**Subject:** MEDICINE AND HEALTH SCIENCES, LIFE SCIENCES, BIOLOGICAL SCIENCES

**Keywords:** Pathophysiology / Pathology / Internal medicine / Medicine / Nephrology

**Bibliographic Reference:** Papanikolaou, G., Ioannidou, M., Ntali, G., Pitsios, C., & Plastiras, S. (2025). Pathophysiology for dietitians Volume A [Undergraduate textbook]. Kallipos, Open Academic Editions. <http://dx.doi.org/10.57713/kallipos-1054>

### Abstract

Pathophysiology is the study of pathological changes in physiology in various pathological conditions. It focuses on the changes caused to the functionality of tissues and organs due to disease. Pathophysiology bridges the basic sciences with clinical practice. Studying pathophysiology helps students to understand the mechanisms that lead to disease clinical signs and symptoms and better understand

therapeutic interventions. The textbook is adapted to the educational needs of undergraduate dietetics and nutrition students. The first volume of the book includes genetic disorders, cell adaptation and tissue damage, inflammation, immune disorders and food allergy, blood disorders, fluid and electrolyte disorders, kidney disorders, cardiovascular system disorders and diabetes mellitus.

