



**STATE UNIVERSITY OF MEDICINE
AND PHARMACY "NICOLAE TESTEMITANU"**

BASICS OF ONCOLOGY

**SOFRONI DUMITRU • CUCIERU CRISTINA
BACALÎM LILIA • VÎRLAN MARIANA • ȘVEȚ VERONICA**

ÎS FEP „Tipografia Centrală”
Chișinău • 2023



STATE UNIVERSITY OF MEDICINE
AND PHARMACY "NICOLAE TESTEMITANU"

BASICS OF ONCOLOGY

SOFRONI DUMITRU • CUCIERU CRISTINA
BACALÎM LILIA • VÎRLAN MARIANA • ȘVEȚ VERONICA

ÎS FEP „Tipografia Centrală”
Chișinău • 2023

CONTENTS

Preface.....	3
Introduction. Historic. Deontology. Organization and structure of oncological assistance in Republic of Moldova	7
The epidemiology of human cancer.....	12
Etiopathogeny of cancer. Exogenous and endogenous factors	19
Principles of tumor biology	25
Oncological diagnosis.....	31
Principles of oncological surgery.....	39
Principles and indications of radiotherapy.....	46
Cancer immunology and immunotherapy.....	52
Targeted molecular therapies	58
Paliative treatments in oncology.....	65
Response to the treatment and follow-up of the oncological patient....	73
Principles and indications of antineoplastic chemotherapy	80
Hormonal therapy of cancer.....	93
Cervical cancer.....	100
Endometrial cancer	121
Ovarian cancer	141
Breast cancer.....	156
Bronchopulmonary cancer.....	198
Esophageal cancer.....	225
Gastric cancer.....	235
Primary hepatic cancer.....	260

Pancreaticoduodenal cancer.....	281
Colorectal cancer	307
Kidney cancer	339
Malignant tumors of the skin	388
Malignant melanoma	397
Lower lip cancer	406
Thyroid cancer	418
Cancer of the oral mucosa.....	435
Buccal floor mucosa cancer	440