

## **Part I - Basic Concepts**

- 2 Biology of Neoplasia
- 3 Morphological and Molecular Classification of Human Cancer
- 4 Genomic Landscape of Cancer - Insights for Epidemiologists
- 5 Genetic Epidemiology of Cancer
- 6 Application of Biomarkers in Cancer Epidemiology
- 7 Causal Inference in Cancer Epidemiology

## **Part II - The Magnitude of Cancer**

- 8 Patterns of Cancer Incidence, Mortality, and Survival
- 9 Socioeconomic Disparities in Cancer Incidence and Mortality
- 10 The Economic Burden of Cancer in the United States

## **Part III - The Causes of Cancer**

- 11 Tobacco
- 12 Alcohol and Cancer Risk
- 13 Ionizing Radiation
- 14 Ultraviolet Radiation
- 15 Electromagnetic Fields
- 16 Occupational Cancer
- 17 Air Pollution
- 18 Water Contaminants
- 19 Diet and Nutrition
- 20 Obesity and Body Composition
- 21 Physical Activity, Sedentary Behaviors, and Risk of Cancer
- 22 Hormones and Cancer
- 23 Pharmaceutical Drugs Other Than Hormones
- 24 Infectious Agents
- 25 Immunologic Factors

## **Part IV - Cancers by Tissue of Origin**

- 26 Nasopharyngeal Cancer
- 27 Cancer of the Larynx
- 28 Lung Cancer
- 29 Oral Cavity, Oropharynx, Lip, and Salivary Glands
- 30 Esophageal Cancer
- 31 Stomach Cancer
- 32 Cancer of the Pancreas
- 33 Liver Cancer
- 34 Biliary Tract Cancer
- 35 Small Intestine Cancer
- 36 Cancers of the Colon and Rectum
- 37 Anal Cancer
- 38 Leukemias
- 39 Hodgkin Lymphoma
- 40 The Non- Hodgkin Lymphomas
- 41 Multiple Myeloma
- 42 Bone Cancers
- 43 Soft Tissue Sarcoma
- 44 Thyroid Cancer
- 45 Breast Cancer

- 46 Ovarian Cancer
- 47 Endometrial Cancer
- 48 Cervical Cancer
- 49 Vulvar and Vaginal Cancers
- 50 Choriocarcinoma
- 51 Renal Cancer
- 52 Bladder Cancer
- 53 Prostate Cancer
- 54 Testicular Cancer
- 55 Penile Cancer
- 56 Nervous System
- 57 Melanoma
- 58 Keratinocyte Cancers
- 59 Childhood Cancers
- 60 Multiple Primary Cancers

**Part V - Cancer Prevention and Control**

- 61 Framework for Understanding Cancer Prevention
- 62 Primary Prevention
  - 62.1 Tobacco Control
  - 62.2 Prevention of Obesity and Physical Inactivity
  - 62.3 Prevention of Infection-Related Cancers
  - 62.4 Protection from Ultraviolet Radiation
  - 62.5 Preventive Therapy
  - 62.6 Regulation
- 63 Cancer Screening