

Χαρακτηριστικά:

- Provides an in-depth analysis of the various epigenetic changes that contribute to the aggressiveness of gastrointestinal cancers
- Bridges the gap between fundamental research findings and their clinical implications, offering case studies and expert insights that illustrate successful therapeutic strategies
- Emphasizes the importance of multidisciplinary collaboration in cancer research and treatment, presenting contributions from experts across various subfields

Περιεχόμενα:

Section I: Introduction-what we know so far

1 Abdominal pain—Molecular basis and clinical consequences

Marta Zielinska, Yuqiang Yu

2 Surgical causes of upper and lower abdominal pain

Jakub Wlodarczyk, Mirza Farhana Iqbal Chowdhury, Farzad Mokhtari-Esbuie, John W. Harmon

3 Non-GI causes of abdominal pain

Michal Kulig, Bartlomiej Dobrowolski

4 Initial evaluation of abdominal pain (acute and chronic) on the basis of history, pain descriptors, and physical findings

Marcin Wlodarczyk, Nikodem Pietrzak

5 Therapeutic approaches to abdominal pain: From pharmacology to complementary therapies

Barbara Pokora, Kacper Pokora, Jakub Fichna

6 Immunotherapy and gastrointestinal-related side effects in patients with cancers

Damian Jacenik, Ellen J. Beswick

Section II: Detailed focus on abdominal pain causes and outcomes

7 Abdominal pain in functional dyspepsia

Marek Waluga

8 Cyclic vomiting syndrome and abdominal pain

Muhammad Ayyan, Sonali Srivastava, Agata Binienda, Thangam Venkatesan

9 Hepatobiliary pain

Anatol Panasiuk

10 Pancreatitis and abdominal pain

Wojciech Michal Jankowski, Aleksandra Tarasiuk-Zawadzka

11 Pancreatic cancer and its association with abdominal pain

Aleksandra Tarasiuk-Zawadzka

12 Inflammatory bowel disease: What's known and what's next

Karolina Wyka, Mirza Farhana Iqbal Chowdhury, Farzad Mokhtari-Esbuie, Amid Yazdani, Jakub Fichna

13 Impact of physical activity on selected gastrointestinal conditions

Karol Pawelczyk

14 Microbiota-gut-brain axis and abdominal pain: Disorders of gut-brain interaction and microbiome-

based therapeutic strategies

Igor Loniewski, Karolina Skonieczna Zydecka, Wojciech Marlicz

Section III: A look into the future

15 Preclinical models of visceral pain

Blanca Silván-Ros, Raquel Abalo