

BOOK PROPOSAL

Recent Advances in Gastroenterology

A Comprehensive Reference Volume for Clinicians and Researchers

1. Overview

Gastroenterology stands at a pivotal crossroads, shaped by rapid advances in molecular diagnostics, therapeutic endoscopy, microbiome science, pharmacotherapy, and translational research. The discipline now encompasses a breadth of topics — from the mechanistic underpinnings of mucosal immunity and gut-brain interactions to the clinical management of complex hepatobiliary, pancreatic, and inflammatory bowel conditions — that no single review article or clinical guideline can adequately capture in one place.

This proposed reference book, *Recent Advances in Gastroenterology*, is conceived as a rigorously curated, multi-author scholarly volume that consolidates contemporary knowledge across the full spectrum of the specialty. Each contribution is authored by domain experts and structured as a comprehensive review, synthesising the most current evidence, evolving concepts, and emerging clinical paradigms. The volume is designed to serve simultaneously as a definitive reference for practising gastroenterologists, a scholarly resource for researchers, and an advanced study companion for postgraduate trainees and fellows.

The book will consist of 10 to 12 self-contained yet thematically interlinked chapters. Each chapter undergoes independent peer review prior to inclusion, ensuring that the volume meets the highest standards of academic publishing.

2. Target Readership

The primary audience for this volume encompasses gastroenterologists and hepatologists in academic medical centres and tertiary-care hospitals, biomedical researchers working in areas of gut physiology, mucosal immunology, the gut microbiome, and gastrointestinal oncology, as well as gastroenterology fellows and residents preparing for specialist certification and advanced clinical practice.

The secondary readership includes general internists and primary care physicians who manage patients with chronic gastrointestinal conditions, pharmacologists and pharmaceutical scientists engaged in drug development for gastrointestinal disorders, medical educators developing advanced curricula in internal medicine and gastroenterology, and graduate students in biomedical sciences whose research intersects with digestive physiology or pathology.

Given the global burden of gastrointestinal diseases, the volume is expected to attract a diverse international readership, with particular relevance in academic institutions, university hospital libraries, and research institutes across North America, Europe, Asia, and the Middle East.

3. Rationale & Need

Gastrointestinal diseases collectively constitute one of the most significant contributors to global morbidity, hospitalisation, and healthcare expenditure. Conditions including inflammatory bowel disease, hepatocellular carcinoma, colorectal cancer, gastro-oesophageal reflux disease, non-alcoholic fatty liver disease, and functional gastrointestinal disorders affect hundreds of millions of individuals worldwide. Despite this immense clinical burden, the specialty has witnessed a degree of scientific progress in recent years that has fundamentally altered how these conditions are understood and managed.

The characterisation of the gut microbiome as an active participant in both health and systemic disease, the refinement of biologic and small-molecule therapies for immune-mediated gastrointestinal conditions, the advent of advanced endoscopic techniques offering minimally invasive alternatives to surgery, and the application of artificial intelligence to endoscopic image interpretation and histopathology are among the transformative developments of the past decade. These advances are dispersed across thousands of primary research articles, specialty journals, and conference proceedings — presenting a formidable challenge for the busy clinician or researcher seeking to maintain command of the field.

A consolidated, expert-curated reference volume — written at the level of depth appropriate for specialists — addresses this critical gap. Unlike textbooks that prioritise broad coverage at the expense of depth, or journal review articles that address narrow topics in isolation, this book is designed to integrate and contextualise advances across the full spectrum of Gastroenterology within a single, coherent scholarly resource. There is, at present, no comparable volume that provides this synthesis at the interface of bench research and clinical application in a format accessible to both clinicians and scientists.

4. Editorial Control and Review

The quality and integrity of this volume are safeguarded through a multi-layered editorial process. All chapters are subjected to a structured scholarly review framework that encompasses the following elements.

Reference Validation

Every submitted chapter undergoes systematic bibliographic verification to ensure that all cited sources are accurate, current, and appropriately matched to the claims made in the text. References are cross-checked against primary databases including PubMed, Embase, and the Cochrane Library, and authors are required to conform to a standardised citation format. Outdated or retracted sources are flagged and authors are invited to provide updated citations prior to acceptance.

Plagiarism Screening

Each manuscript is processed through a validated plagiarism detection platform before editorial evaluation commences. Submissions that exhibit unacceptable levels of textual overlap with previously published works are returned to authors with a request for appropriate revision or attribution. The editorial board enforces a strict originality policy consistent with the publishing ethics standards of the Committee on Publication Ethics (COPE).

Expert Peer Review

Each chapter is evaluated by a minimum of two independent external reviewers holding recognised expertise in the subject area of the respective contribution, and one academic editor who provides integrative oversight across the volume. Reviewers are selected to ensure independence from the contributing authors and to represent a breadth of methodological and clinical perspectives. The peer review process is conducted under a double-anonymised framework wherever feasible. Authors are provided with structured reviewer feedback and are required to submit a detailed point-by-point response addressing all reviewer comments before a final editorial decision is rendered.

5. Closing Statement

This volume represents a timely and necessary contribution to the medical literature at a moment when the science of gastroenterology is advancing with extraordinary momentum. By assembling the foremost expert voices across the spectrum of the specialty within a single rigorous reference, the editorial team aims to produce a resource that will shape how clinicians practice, how researchers frame their inquiries, and how the next generation of gastroenterologists is trained.

The editors are confident that this book will become an indispensable reference on the shelves of gastroenterology departments, academic libraries, and research institutes worldwide, and will serve as an enduring record of the discipline at this pivotal period of its evolution.

Invitation to Prospective Authors

The Editorial Desk of Recent Advances in Gastroenterology warmly invites submissions from clinician-scientists, academic researchers, and specialist physicians who are actively engaged in the advancing frontiers of gastroenterology and hepatology. We welcome contributions from both established authorities in the field and emerging investigators whose work is shaping the next chapter of the discipline. Authors who wish to propose a contribution are encouraged to submit a brief outline of their intended chapter, accompanied by a short biographical statement, for initial editorial consideration. The editorial team looks forward to collaborating with the global gastroenterology community to bring this important reference volume to fruition. For queries and submission of chapter outlines, prospective contributors are cordially invited to reach out directly to the Editorial Desk.