



an Open Access Journal by MDPI

## Recent Advances in Personalised Gastrointestinal Cancer Treatments

Guest Editors:

**Dr. Eoghan Joseph Mulholland**

Wellcome Centre for Human Genetics, University of Oxford, Roosevelt Dr, Headington, Oxford OX3 7BN, UK

**Dr. Emma McErlean**

School of Pharmacy, Queen's University Belfast, Belfast, UK

Deadline for manuscript submissions:

**closed (31 August 2023)**

### Message from the Guest Editors

Dear Colleagues,

Recent advances in our ability to understand and manipulate cancer have led to a plethora of new avenues for personalised medicine in gastrointestinal cancer treatment.

Such advances include the use of sophisticated 3D ex vivo models of tumour epithelium (organoids), their co-culture with immune and stromal cells, the development of complex genetically engineered mouse models of cancer, and the ability to unpack cell–cell interactions on slide using multiplex imaging platforms. Together, these models can be used to explore the efficacy of novel drug delivery systems, impact of chemotherapies, radiotherapy, gene therapy, and cell therapies.

This Special Issue aims to collect advanced studies of personalised medicine potential in the treatment of gastrointestinal cancers. We welcome the submission of original research papers as well as review articles, with the aim of building a unique bank of knowledge which will be extremely useful to those working in the field.

gastrointestinal cancer  
genetics  
cell biology  
drug delivery  
personalised medicine



[mdpi.com/si/135992](https://mdpi.com/si/135992)

# Special Issue



an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Patrick J. Sinko

Department of Pharmaceutics,  
Ernest Mario School of  
Pharmacy, Rutgers University,  
Piscataway, NJ 08854, USA

## Message from the Editor-in-Chief

*Pharmaceutics* (ISSN 1999-4923) is an online open access journal on the science and technology of pharmaceutics and biopharmaceutics. The scientific community, the wider community and the general public have unlimited and free access to the content as soon as a paper is published; this open access to your research ensures your findings are shared with the widest possible audience. Please consider publishing your impressive work in this high quality journal. We would be pleased to welcome you as one of our authors.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q1 (*Pharmacology & Pharmacy*) / CiteScore - Q1 (*Pharmaceutical Science*)

## Contact Us

---

Pharmaceutics Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/pharmaceutics](http://mdpi.com/journal/pharmaceutics)  
[pharmaceutics@mdpi.com](mailto:pharmaceutics@mdpi.com)  
X@MDPIpharma