

Special Issue

Recent Advances in Personalised Gastrointestinal Cancer Treatments

Message from the Guest Editors

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

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Editor-in-Chief

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