

## Special Issue

# The Role of Tissue Factor and Downstream Coagulation Proteases in Solid Cancers and Hematological Malignancies

### Message from the Guest Editor

In 1865, the French physician Armand Trousseau described the association between gastrointestinal cancer and superficial migratory thrombophlebitis. Trousseau himself succumbed to gastric or pancreatic cancer after he noticed an inflamed and thrombosed vein, nowadays referred to as the "Trousseau's sign of malignancy."

TF is a transmembrane glycoprotein that functions as the cellular receptor and cofactor for the coagulation serine protease, factor VIIa (FVIIa). TF is constitutively expressed by many cancer cells and may also be induced in non-transformed cells of the tumor microenvironment under inflammatory or hypoxic conditions.

Moreover, circulating TF has emerged as a potential diagnostic, prognostic and predictive biomarker in solid cancers and hematological malignancies.

This Special Issue of *Cancers* focuses on the intriguing roles of TF and downstream coagulation proteases in tumor biology and paraneoplastic clotting abnormalities, thus setting the base for future experimental and clinical research investigating the detrimental bidirectional relationships between cancer, inflammation and thrombosis.

---

### Guest Editor

Prof. Dr. Florian Langer

Department of Hematology and Oncology, University Cancer Center Hamburg (UCCH), University Medical Center Eppendorf, Martinistr. 52, 20246 Hamburg, Germany

---

### Deadline for manuscript submissions

closed (31 March 2023)



## Cancers

---

an Open Access Journal  
by MDPI

---

**Impact Factor 4.4**  
**CiteScore 8.8**  
**Indexed in PubMed**



[mdpi.com/si/62535](https://mdpi.com/si/62535)

*Cancers*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[cancers@mdpi.com](mailto:cancers@mdpi.com)

[mdpi.com/journal/  
cancers](https://mdpi.com/journal/cancers)





# Cancers

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.4  
CiteScore 8.8  
Indexed in PubMed



[mdpi.com/journal/  
cancers](https://mdpi.com/journal/cancers)



## About the Journal

### Message from the Editor-in-Chief

*Cancers* is an international online journal addressing both clinical and basic science issues related to cancer research. The journal is publishing in Open Access format, which will certainly evolve to ensure that the journal takes full advantage of the rapidly changing world of information and knowledge dissemination. It publishes high-quality clinical, translational, and basic science research on cancer prevention, initiation, progression, and treatment, as well as other related topics, particularly to capture the most seminal studies in the rapidly growing area of immunology, immunotherapy, and tumor microenvironment.

---

### Editor-in-Chief

Prof. Dr. Samuel C. Mok

Department of Gynecologic Oncology and Reproductive Medicine, The University of Texas MD Anderson Cancer Center, Houston, TX 77030, USA

---

### 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 - Q2 (Oncology) / CiteScore - Q1 (Oncology)