

## PERSONAL INFORMATION

First names / Surname **Ferdinando Carlo Maria Cananzi**

Date of birth

E-mail

website

[REDACTED]

[ferdinando.cananzi@hunimed.eu](mailto:ferdinando.cananzi@hunimed.eu)

[HTTPS://WWW.HUMANITAS.IT](https://www.humanitas.it) ; [HTTPS://WWW.HUNIMED.EU](https://www.hunimed.eu)

## CURRENT POSITION

### Chief

Sarcoma Melanoma and Rare Tumors Surgery  
IRCCS Humanitas Research Hospital, Rozzano (Milan), Italy

### Associate Professor of General Surgery

Humanitas University, Pieve Emanuele (Milan), Italy

## ACADEMIC AND TEACHING ACTIVITIES

2026 -

National Scientific Qualification as Full Professor

Disciplinary field of 06/C1 - General surgery

2020 - 2022

Faculty member of PhD in Data Science in Medicine and Nutrition

Humanitas University, Pieve Emanuele (Milan), Italy

May 2018- December 2022

Assistant Professor of General Surgery

Humanitas University, Pieve Emanuele (Milan), Italy

2017-

Faculty member, Medicine and Surgery degree course

Humanitas University, Pieve Emanuele (Milan), Italy

2017-

Director, Annual Internship in Basics in surgical oncology

Humanitas University, Pieve Emanuele (Milan), Italy

2014 - 2018

Adjunct Clinical and Teaching Professor Medicine and Surgery degree course

Humanitas University, Pieve Emanuele (Milan), Italy

## EDUCATION AND TRAINING

November 2017 - October

2018

### University Advanced Training Course in "Epidemiology For Clinical Research"

Humanitas University, Pieve Emanuele (Milan), Italy

(Director Prof. E. Riboli)

August 2007 - July 2013

### Residency in General Surgery

Catholic University of the Sacred Heart School of Medicine, Rome, Italy

(Dir. Prof. G. Nuzzo, 2007 - 2010; Dir. Prof. G.B. Doglietto, 2010 - 2013)

Thesis

Surgical management of intra-abdominal metastases from melanoma: role of the neutrophil to lymphocyte ratio as a potential prognostic factor

Marks

50/50 cum laude

November 2012 – March 2013

### European Society of Surgical Oncology (ESSO) Training Fellowship

Gastrointestinal Unit; Upper Gastrointestinal, Hepatobiliary and Pancreatic Surgery

The Royal Marsden Hospital, London, UK

(Dir. Prof. D. Cunningham; Tutor Consultant Mr. S. Mudan)

March 2012 – October 2012

### Clinical Fellowship (Hon.)

Gastrointestinal Unit; Upper Gastrointestinal, Hepatobiliary and Pancreatic Surgery

The Royal Marsden Hospital, London, UK

(Dir. Prof. D. Cunningham; Tutor Consultant Mr. S. Mudan)

February 2007

### Medical license to practice medicine and surgery

Marks

270/270

2000 - 2006

### Graduation in Medicine and Surgery

Catholic University of the Sacred Heart School of Medicine, Rome, Italy

Thesis

New prognostic indicators in gastric cancer: cDNA-microarray analysis to identify genes associated to lymph node metastasis

Marks

110/110 cum laude

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| CLINICAL ACTIVITY                                                                                             | Prof. Cananzi's clinical and surgical activity is focused on surgical oncology especially on retroperitoneal, limb and trunk soft tissue sarcoma, gastrointestinal stromal tumors (GIST), cutaneous melanoma and complex abdominal tumor with multivisceral involvement.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| RESEARCH ACTIVITY                                                                                             | Current main clinical and translational research topics of Prof. Cananzi concern retroperitoneal, trunk and limb soft tissue sarcoma and Gastrointestinal Stromal Tumors (GIST). He has established a scientific collaboration with the Department of Immunology and Inflammation of Humanitas Research Center aiming to study the role of immune system in development, progression and treatment of soft tissue sarcoma. Also, he has recently founded the reSeARChOMA group, the institutional multidisciplinary research group on sarcoma aimed to boost the translational research.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 2005 - present                                                                                                | Author/co-author of <b>201</b> scientific publications including original papers (103), congress abstracts (92) and book chapters (6); <a href="#">LIST OF PUBLICATIONS</a><br>0000-0002-8227-3373                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <br>Impact Factor<br>H-Index | <b>572.60</b> (2025 JCR Science Edition)<br><b>23</b> (Scholar), <b>20</b> (Scopus)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| MAIN PROJECTS                                                                                                 | <ul style="list-style-type: none"> <li>- Development of a new predictive and prognostic Artificial Intelligence based Tool: The Sarcoma Microenvironment Score (SMS project) - Beyond the histology tailored approach. Funded by Ricerca Finalizzata of Italian Health Ministry -2021 (450.000 euro)<br/>Role: PI</li> <li>- Disease-specific universal vaccines as new combinatorial immunotherapy for metastatic melanoma, sarcoma and osteosarcoma.<br/>AIRC 5 per Mille 2018 (PI: prof. Maria Rescigno); Role: collaborator</li> <li>- Procalcitonin for Early Diagnosis of Anastomotic Leakage in Esophagogastric Surgery (PEDALES study); Role: Principal investigator</li> <li>- SACral Chordoma: a Randomized &amp; Observational study on surgery versus definitive radiation therapy in primary localized disease (SACRO); Role: Investigator</li> <li>- EORTC 62092 - A phase III randomized study of preoperative radiotherapy plus surgery versus surgery alone for patients with Retroperitoneal sarcomas (RPS) – STRASS; Role: sub-investigator</li> <li>- EORTC 1809-STBSG STRASS 2: A randomized phase III study of neoadjuvant chemotherapy followed by surgery versus surgery alone for patients with High Risk RetroPeritoneal Sarcoma (RPS); Role: sub-investigator</li> <li>- Characterization of leucocytes infiltrate and complement system activation in soft tissue sarcoma.<br/>Role: coordinator</li> </ul> |
| AWARDS AND HONOURS                                                                                            | <ul style="list-style-type: none"> <li>- Recipient of Traveler's Grant of the "26th World Congress of the International Association of Surgeons, Gastroenterologists and Oncologists (IASGO)", Seoul, September 2016</li> <li>- Recipient of the European Society of Surgical Oncology (ESSO) Training Fellowship 2012-2013</li> <li>- Recipient of Traveler's Grant of the "111<sup>th</sup> Annual Congress of Japan Surgical Society" Tokyo, May 2011</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PROFESSIONAL SOCIETY INVOLVEMENT                                                                              | <ul style="list-style-type: none"> <li>- Member of the National Directive Board (Treasurer) of the Italian Society of Surgical Oncology (SICO);</li> <li>- Member of the National Directive Board (Treasurer) of the Italian Sarcoma Group (ISG);</li> <li>- Member of European Society of Surgical Oncology (ESSO), Connective Tissue Oncology Society (CTOS), TransAtlantic Australasian Retroperitoneal Sarcoma Working Group (TARPSWG), Italian Society of Surgery (SIC).</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

#### EDITORIAL COLLABORATIONS

- Associate Editor  
*Frontiers in Oncology*
- Academic Editor  
*International Journal of Surgical Oncology*
- Member Advisory Board - Peritoneal and retroperitoneal surgery  
*Update in Surgery*
- Editor's collaborator  
*Update in Surgery series "Current Treatment of Retroperitoneal Sarcomas"*  
Editors: V. Quagliuolo, A. Gronchi. Springer Ed. 2018
- Guest Associate Editor for Molecular and Cellular Oncology for  
*Frontiers in Cell and Developmental Biology* e *Frontiers in Oncology*
- Guest Editor  
Special Issue: Minimally Invasive Approach in Gastrointestinal Stromal Tumors (GISTs)  
*Laparoscopic Surgery*
- External Peer Reviewer for following international scientific journals: *Journal of Surgical Oncology*, *BMC Cancer*, *Digestive Surgery*, *Cancer Management and Research*, *World Journal of Gastroenterology*, *BMC Gastroenterology*, *BMC Clinical Pathology*, *Gastroenterology Research and Practice*