

FRANCO ROVIELLO C.V.

OFFICE ADDRESS

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EDUCATION Graduation cum laude in Medicine and Surgery (MD degree) July 1987

POSTGRADUATE TRAINING

OCTOBER 1988-JULY 1993 *Surgical training in General and Emergency Surgery University of Siena – Nuovo Policlinico, Departments of Surgery – Siena (Italy) Sub-specialty training and certification in Gastrointestinal Oncologic Surgery Accreditation in General Surgery July 1992*

ACADEMIC APPOINTMENTS

OCTOBER 1991- 2005 Assistant Professor, *Lecturer – General Surgery (Joint academic and clinical appointment)*
University of Siena School of Medicine Department of Surgical Oncology, Nuovo Policlinico University Hospital, Siena

OCTOBER 2005-2013 Associate Professor, *Lecturer – General Surgery (Joint academic and clinical appointment)*
University of Siena School of Medicine, Department of Surgical Oncology,

OCTOBER 2015 Full Professor of Surgery, Senior Lecturer – General Surgery.

HOSPITAL APPOINTMENTS AND CLINICAL WORKLOAD

EXPERIENCE IN SURGERY

During my general surgical training I developed the subspecialty curriculum in Upper GI surgery, as in the Syllabus and Curriculum of the training program in General and Gastrointestinal surgery. Since then I was exposed to a huge variety of GI surgical cases (upper and lower GI cancers, pancreatic and liver resection, pelvic surgery). When in post as staff surgeon and from 1996 as senior staff surgeon I performed many major and complex surgical procedures in the field of gastroenterological, hepatobiliary-pancreatic surgery, pelvic recurrence and peritonectomy and chemohypothermia gaining a wide experience in Oncologic Surgery. As senior staff surgeon, I was on 1:5 on-call rotas for surgical emergencies. During the last three yrs I performed more than 1000 unsupervised emergency and urgent surgical operations for traumatic and non-traumatic conditions.

TEACHING AND RESEARCH

Teaching *As Senior Lecturer in surgery I had direct responsibility in teaching medical students during their surgical rotation at the pts bedside, in the OR and with formal teaching lectures. I taught the students of the medical school with regular seminars on various surgical subjects. Surgical trainees at different training levels rotate in the Division during their surgical training. Two of them were assigned to my service during the rotations and I was responsible as educational supervisor of their surgical training. I gained experienced in editing multimedia presentations on CD ROM's and DVD's as teaching support. I trialled also innovative and interactive means with live broadcasting of laparoscopic surgical procedures to the medical students to support the formal teaching of the abdominal anatomy. I introduced the modern concept for the Surgical Oncology from the basic lab knowledges to a complete integration between the surgeon and the other figures in the management of cancer patient (molecular basis of cancer, cancer progression and metastatization, proper staging, neoadjuvant and adjuvant treatments, target therapy, follow-up, treatment of recurrence*

Research *The main interested is Oncologic Surgery with a very modern approach including a complete integration with all new knowledges (oncology, radiation therapy, molecolar biology and pathology) to finalise the best "tailored" treatment for each patient. The new surgical strategies include as well the advanced laparoscopic approach in benign diseases (diverticulitis, acute appendicitis) and in the malignat of colon rectal cancer. My Major interest has been devoted to clinical and basic research topis according with modern traslational research. I have written many papers regarding gastric cancer wich shows a very hight incidecte in the catchment area (south of Tuscany, Siena province) . During the university I have been working in a laboratory group at Sclavo research center learning all the major tecniques for the basic research (DNA, RNA and proteins evaluation). Since 1991 I have been banking biomaterials as neoplastic tissue and serum from the patients affected by different neoplasma and admitted in our department (stomach, colon rectal, breast, pancreas) storing in a deep fridge 1000 cases frozed during the surgery; for any patient all the clinical data and outcome is available. I have analized data on pratical use of tumor*

markers, the clinical impact of *H. pylori* and the role of different oncogenes and molecular markers. I have coordinated basic research projects sponsored by Siena University and University Minister involving national and international groups. The most important project are “Prognostic significance of microsatellite instability in gastric cancer patients from high incidence area”, “New circulating markers in gastric cancer patients: value of circulating nucleic acids”, “Familial gastric cancer in high incidence area”. He is part of International Linkage analysis consortium on gastric cancer coordinated by Carlos Caldas from Cambridge. I have been visiting Japan to learn extended lymphadenectomy in gastric cancer treatment, importing in Italy this extended approach; at this regard I have founded in 1998 an Italian Group of Research on Gastric Cancer publishing many multicenter papers on different topics. At moment he has scientific collaboration with Porto University (prof. Raquel Seruca on Familial gastric cancer), Harvard University (Prof. Ramesh Shisvadani on Gastric cancer gene profile), Magdeburg University (Prof. Peter Malfeltheiner on Proteic profiles) and Oncologic Center of Latvia (Prof. Marcis Leja on surgical treatment of gastric cancer) I’m involved actively in the organization of European Gastric Cancer Network of Excellence. General Secretary of International Gastric Cancer Congress held in Verona June 2013. Council Member of International Gastric Cancer Association. President from 2021-2023 of SICO (Italian Society of Surgical Oncology) ESSO affiliated. In the last years I have developed a particular interest for the locoregional treatment in some cases of peritoneal disease by abdominal malignancies performing 400 cases of peritonectomy and antiplast perfusion in hyperthermia (HIPEC) a modern approach for limited number of cases. I’m author or co-author many original papers in peer-reviewed journals and contributed also as author or co-author to many papers on different topics of Surgical Oncology and translational Research (**358 papers H INDEX: 53** see pubmed). I’m invited as reviewer from different journals (World Journal Surgery, British Journal Cancer, Annals Surgical Oncology, Surgery etc) I’m Associate Editor on Upper GI section for EJSO

VISITING DOCTOR

- Department of Vascular Surgery, Prof. E. Ross Die University of Granada (Spain) Apr.1990- Jun 199
- Department of Emergency Surgery Baragwanath Hospital Prof. R. Saadia Johannesburg (South Africa) December-January 1994
- Department of Surgical Oncology Mc Gill University, Prof. H. Shibata Montreal (Canada) August 1994
- Department of Surgery, Prof. R. Siewert TUM University, Monaco (Germany) May 2003
- National Cancer Center Hospital, Stomach Cancer Division, Prof. K Maruyama Tokyo (J) April 1995 and January-April 1997
- National Cancer Center Hospital, Prof. H.K. Yang Seoul (Corea) Surgical Oncology and Stomach Cancer April 2004
- Advanced Surgical Oncology Unit Prof. C Van de Welde LUMC Leiden University (Netherland) September 2005
- IPATIMUP Institute of Molecular Biology, Prof. R. Seruca University of Porto (Portugal) June 2006
- Riga Eastern Hospital National Cancer Center, Prof. Marcis Leja Riga (Latvia) April 2007

HONORS, AWARDS

- Minister of Education fellowship (1987-1991)
- Sclavo Molecular Biology Research Center (1987-1990)
- Erasmus Fellowship; vascular Surgery Department University of Granada, Spain (1990)
- First award Oncologic Meeting, Bari 1990 for the original paper: V. Tassi, M.M. Giuliani, A. Berardi, L. Pacenti, L. Rosaia, F. Roviello, E. Pinto, S. Silvestri, B. Terrana: *c-erb-2* protooncogene activation in gastric cancer
- First award meeting SITILO, Pisa 2001 for the original paper: Cerretani D., Roviello F., De Stefano A., Marrelli D., Nencini C., Pinto E., Nastri G., Cioppa T., Giorgi G.: Mitomicin C pharmacokinetic during intraperitoneal hyperthermic perfusion (IHCP) in patients with peritoneal carcinosis
- Award at International Gastric Cancer Congress New York Aprile 2001 for the original paper: Roviello F, Marrelli D., Morgagni P., De Manzoni G., Di Leo A., Vindigni C., Saragoni L., Tomezzoli A., Kurihara H.: Survival benefit of extended D2 lymphadenectomy in gastric cancer with involvement of N2 lymph nodes. An Italian multicenter study
- First Prize during the 3rd ESOC – European Symposium on Ovarian Cancer held in Toulouse from November 8 to 10, 2006 Treatment of advanced ovarian cancer by neoadjuvant chemotherapy followed by surgical debulking and intraperitoneal chemohyperthermia
- Award ASCO Upper Gastrointestinal Meeting San Francisco January 2012. Molecular Mechanism in Gastric Cancer

MEMBERSHIP AND FELLOWSHIP IN PROFESSIONAL AND MEDICAL SOCIETIES

1995	International Gastric Cancer Association	From 2011 Board-Member
1996	Italian Society of Oncologic Surgery	From 2007 Board-Member
1997	International Society of Surgery	Member
1998	Society of Surgery of the Alimentary Tract	Member
1999	International Society for Digestive Surgery	Member

<u>1999</u>	Società Italiana di Chirurgia	Member
<u>2000</u>	European Society of Surgical Oncology	Member
<u>2010</u>	CBC Collegio Brasilero Chirurgia	Onorary Member
<u>2012</u>	Collegio Brasilero Chirurgia Digestiva	Onorary Member
<u>2014</u>	Latin America Chapter of International Gastric Cancer Association	Advisory Board
<u>2019</u>	Board of Italian Society of Surgery	
<u>2021</u>	President of SICO Italian Society of Surgical Oncology	

PERSONAL INTERESTS

Regular sport activities for healthy lifestyle Training workshops for personal growth, consciousness and empowerment
Reading, Traveling, Fly fishing, Family life

Publication see PUBMED: <http://www.ncbi.nlm.nih.gov/pubmed/?term=roviello>