

ANTONIO SOMMARIVA

Italian Medical Authority "Ordine dei Medici" ID: PD09250

Current Position

Consultant Surgical Oncology

Surgical Oncology Unit
Veneto Institute of Oncology, IOV-IRCCS
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Qualifications

Primary qualification: University of Padova, Medical School, Italy (1989-1995)

Degree: MD, University of Padova, Medical School, Italy (1995)

General surgery: University of Padova, Medical School, Italy (1996 –2000)

Research interests

Researched predictive and prognostic clinical and histopathologic markers for solid tumors, mainly for melanoma, sarcomas and peritoneal surface malignancies.

Investigated quality assurance measures for the surgical treatment of melanoma (contributed to the creation of a program for monitoring quality of surgery at national level in Italy)

Investigated the application of videoscopic approach to groin lymphadenectomy for melanoma

Investigated the prognostic value of sentinel lymph node biopsy in colorectal cancer

Clinical skills

Management and treatment of abdominal emergency surgical admission, patients with melanoma (primary and metastatic), soft tissue and visceral sarcomas as well as colorectal cancer.

Major laparoscopic surgery and thoracoscopic diagnostic procedures

Loco-regional treatments; Hyperthermic Intraperitoneal Chemotherapy (HIPEC) and Isolated Limb Perfusion (ILP).

Competent in conducting ward rounds for surgical patients and in counselling patients affected by general surgery diseases, colorectal cancer, melanoma, sarcomas and peritoneal surface malignancies in outpatient clinics.

Work experience

- 02/2011 – present: Surgical Oncologist (full-time position); Veneto Institute of Oncology, via Gattamelata 64, 35128, Padova, Italy.
- 02/2003 – 02/2011: General Surgery Attending (full-time position), General Surgery Unit, Ospedale Santi Giovanni e Paolo, Castello 6777, Venice Italy.
- 01/2001 – 01/2003: Emergency Attending Physician (full-time position), Emergency Unit, Ospedale Immacolata Concezione, via San Rocco 8, Piove di Sacco (Padova), Italy.
- 10/1995 – 12/2000: Resident (full-time position), Department of Surgical and Gastroenterological Sciences, University of Padova, via Giustiniani 2, 35128, Italy.
- 06/1998 – 11/1998: Research Fellow, University of Miami School of Medicine, Liver and GI Transplant, Highland Professional Building, 1801 NW 9th Avenue, Miami, FL 33136, USA.

Teaching

Supervised the resident surgeons in their ward rounds, in performing surgical procedures and in conducting clinical research.

Scientific publications

Author of 25 *peer reviewed publications* and several presentations at surgical oncology meetings (the list of papers is reported below).

Google Scholar reports 218 *citations* for a 8 *h-index* and 8 *i10-index*.

Author of 3 *books chapters* in surgical and oncology books (reported below)

Other commitments

Editorial Board: *Journal of Cancer Metastasis and Treatment(JCMT)*

In charge of Italian translation of two chapters of *DeVita, Hellman, and Rosenberg's Cancer: Principles and Practice of Oncology (Cancer: Principles & Practice, DeVita)* 32-Role of Surgery in Cancer Prevention and 115-Peritoneal Metastases and Peritoneal Mesothelioma

Membership: *Italian Melanoma Intergroup (IMI)*

Good Clinical Practice Training Certification: 7th February 2013

References

Prof . Carlo Riccardo Rossi: *Surgical Oncology Unit. Veneto Institute of Oncology, via Gattamelata 64, 35128 Padova; carlor.rossi@unipd.it*

Prof. Giovanni Zaninotto: *Department of Surgery and Cancer, St Mary's Hospital, Imperial College, 10th Floor QEQM Building, South Wharf Road, London, W2 1NY, UK; g.zaninotto@imperial.ac.uk.*

Prof. Andreas Tzakis: *Cleveland Clinic Florida, 2950 Cleveland Clinic Boulevard, Weston, Florida 33331, USA . atzakis@med.miami.edu.*

Prof Jeffrey E. Gershenwald: *Department of Surgical Oncology Department of Cancer Biology Medical Director, Melanoma and Skin Center The University of Texas MD Anderson Cancer Center jgershen@mdanderson.org*

Publications

Full-length articles

Sommariva A, Pasquali S, Cona C, Ciccarese AA, Saadeh L, Campana LG, Meroni M, Rossi CR.
Videoscopic ilioinguinal lymphadenectomy for groin lymph node metastases from melanoma.
Br J Surg. 2016 May 5. doi: 10.1002/bjs.10140. [Epub ahead of print] PubMed PMID: 27146356.
Impact Factor (ISI): 5.54 Times cited (Google Scholar): 0

Rossi CR, **Sommariva A.**
Quality assurance of lymphadenectomy for melanoma: Why and how?
Eur J Surg Oncol. 2016 Jan;42(1):1-2.
Impact factor (ISI): 2.89 - Times cited (Google Scholar): 0

Ribero S, Osella-Abate S, Pasquali S, Rossi CR, Borgognoni L, Piazzalunga D, Solari N, Schiavon M, Brandani P, Ansaloni L, Ponte E, Silan F, **Sommariva A**, Bellucci F, Macripò G, Quaglino P.
Prognostic Role of Multiple Lymphatic Basin Drainage in Sentinel Lymph Node-Negative Trunk Melanoma Patients: A Multicenter Study from the Italian Melanoma Intergroup.
Ann Surg Oncol. 2016 May;23(5):1708-15.
Impact factor (ISI): 4.13 – Times cited (Google Scholar): 0

Sommariva A, Pasquali S, Rossi CR.
Video Endoscopic Inguinal Lymphadenectomy for lymph node metastasis from solid tumors.
Eur J Surg Oncol 2015 Mar;41(3):274-81.
Impact factor (ISI): 2.89 - Times cited (Google Scholar): 3

Sommariva A, Clemente C, Rossi CR.
Standardization and quality control of surgical treatment of cutaneous melanoma: looking for consensus of the Italian Melanoma Intergroup.
Eur J Surg Oncol. 2015 Jan;41(1):148-56.
Impact factor (ISI): 2.89 - Times cited (Google Scholar): 4

Sommariva A, Pasquali S, Del Fiore P, Montesco MC, Pilati P, Rastrelli M, Niba J, Nitti D, Rossi CR.
Cytoreductive surgery and hyperthermic intraperitoneal chemotherapy in patients with peritoneal sarcomatosis: long-term outcome from a single institution experience.
Anticancer Res 2013; 33: 3989-94.
Impact factor (ISI): 1.73 - Times cited (Google Scholar): 5

Rossi CR, Varotto A, Pasquali S, Campana LG, Mocellin S, **Sommariva A**, Montesco MC, Rastrelli M, Vecchiato A, Pilati P, Nitti D.
Patient outcome after complete surgery for retroperitoneal sarcomas
Anticancer Res 2013; 33: 4081-7.
Impact factor (ISI): 1.73 - Times cited (Google Scholar): 2

Campana LG, Scarpa M, **Sommariva A**, Bonandini E, Valpione S, Sartore L, Rossi CR.
Minimally invasive treatment of peristomal metastases from gastric cancer at an ileostomy site by electrochemotherapy.
Radiol Oncol. 2013 Oct 8;47(4):370-5.

Impact factor (ISI): 1.67 - Times cited (Google Scholar): 4

Meneghello C, Ousghir B, Rastrelli M, Anesi L, **Sommariva A**, Montesco MC, Rossi CR, Hladnik U, Segat D.
Nuclear GSK-3 β segregation in desmoid-type fibromatosis.
Histopathology. 2013 Jun;62(7):1098-108

Impact factor (ISI): 3.30 Times cited (Google Scholar): 3

Sommariva A, Zagonel V, Rossi CR. **Times cited (Google Scholar): 4**

The role of laparoscopy in peritoneal surface malignancies selected for hyperthermic intraperitoneal chemotherapy (HIPEC).

Ann Surg Oncol. 2012 Nov;19(12):3737-44.

Impact factor (ISI): 4.13 – Times cited (Google Scholar): 17

Sommariva A, Pilati P, Rossi CR.

Cyto-reductive Surgery combined with Hyperthermic Intra-peritoneal Chemotherapy for Peritoneal Surface Malignancies: current treatment and results.

Cancer Treat Rev. 2012 Jun;38(4):258-68.

Impact factor (ISI): 6.02 - Times cited (Google Scholar): 19

Sommariva A, Pasquali S, Rossi CR.

Lymphadenectomy for Melanoma: Toward a Videoscopic Approach.

Ann Surg Oncol 2011; 18:898-9.

Impact factor (ISI): 4.13 - Times cited (Google Scholar): 1

Sommariva A, Donisi PM, Gnocolato B, Vianello R, Stracca Pansa V, Zaninotto G.

Factors affecting false-negative rates on ex vivo sentinel lymph node mapping in colorectal cancer.

Eur J Surg Oncol. 2010 Feb;36(2)

Impact factor (ISI): 2.89 - Times cited (Google Scholar): 27

Asteria CR, Gagliardi G, Pucciarelli S, Romano G, Infantino A, La Torre F, Tonelli F, Martin F, Pulica C, Ripetti V, Diana G, Amicucci G, Carlini M, **Sommariva A**, Vinciguerra G, Poddie DB, Amato A, Bassi R, Galleano R, Veronese E, Mancini S, Pescio G, Occeili GL, Bracchitta S, Castagnola M, Pontillo T, Cimmino G, Prati U, Vincenti R.

Anastomotic leaks after anterior resection for mid and low rectal cancer: survey of the Italian Society of Colorectal Surgery.

Tech Coloproctol. 2008 Jun;12(2):103-10.

Impact factor (ISI): 1.34 - Times cited (Google Scholar): 38

Sommariva A, Donisi PM, Leoni G, Ardit S, Renier M, Gnocolato B, Tremolada C.

Pyogenic liver abscess: is drainage always possible?

Eur J Gastroenterol Hepatol. 2006 Apr;18(4):435-6.

Impact factor (ISI): 2.15 - Times cited (Google Scholar): 14

Sommariva A, Leoni G, Tremolada C.

Recurrent intestinal obstruction in a cocaine abuser.

Int J Colorectal Dis. 2006 Mar;21(2):195-6.

Impact factor (ISI): 2.42 - Times cited (Google Scholar): 0

Veroux M, Angriman I, Ruffolo C, Barollo M, Veroux P, Caglia P, **Sommariva A**, Fiamingo P, D'Amico DF.

A rare surgical complication of Crohn's diseases: free peritoneal perforation.

Minerva Chir. 2003 Jun;58(3):351-4. Review.

Impact factor (ISI): 0,71 - Times cited (Google Scholar): 8

Sommariva A, Behboo R, Ruffolo C, Scarpa M, Termini B, Barollo M, Ghaemian A, Carraro P, D'Amico DF.
An experimental swine model of small bowel cross transplantation.
Minerva Chir. 2004 Aug;59(4):317-24.

Impact factor (ISI): 0,71 - Times cited (Google Scholar): 1

Sommariva A, Vennarecci G, Feo CF, Bakonyi Neto A.
[Intestinal transplantation in the rat. Surgical technique].
Minerva Chir. 2002Aug;57(4):531-6. Italian.

Impact factor (ISI): 0,71 - Times cited (Google Scholar): 0

Sommariva A, Angriman I, Ruffolo C, Barollo M, D'Amico DF.
Diffuse small bowel Crohn's disease treated with side-to-side isoperistaltic strictureplasty: report of two cases and description of a variation of the original technique.
Surg Today. 2002;32(7):642-5.

Impact factor (ISI): 1,21 - Times cited (Google Scholar) 3

Sommariva A, Ruffolo C.
Side-to-side isoperistaltic strictureplasty in the treatment of diffuse Crohn's disease.
Dis Colon Rectum. 2002 May;45(5):708.

Impact factor (ISI): 3.20 - Times cited (Google Scholar): 0

Polese L, Angriman I, Cecchetto A, Norberto L, Scarpa M, Ruffolo C, Barollo M, **Sommariva A**, D'Amico DF.
The role of CD40 in ulcerative colitis: histochemical analysis and clinical correlation.
Eur J Gastroenterol Hepatol. 2002 Mar;14(3):237-41.

Impact factor (ISI): 2.15 - Times cited (Google Scholar): 29

Bakonyi A, Berho M, Ruiz P, Misiakos EP, Carreno M, de Faria W, **Sommariva A**, Inverardi L, Miller J, Ricordi C, Tzakis AG.
Donor and recipient pretransplant conditioning with nonlethal radiation and antilymphocyte serum improves the graft survival in a rat small bowel transplant model.
Transplantation. 2001 Sep 27;72(6):983-8.

Impact factor (ISI): 3.78 - Times cited (Google Scholar):17

Vennarecci G, Berho M, **Sommariva A**, Neto AB, Misiakos EP, Inverardi L, Ruiz P, Ricordi C, Tzakis AG.
Apoptosis and rejection in rat intestinal transplantation: correlation with FK506 doses and donor specific bone marrow infusions.
Transplantation. 2001 Jun 27;71(12):1718-24.

Impact factor (ISI): 3.78 - Times cited (Google Scholar):20

Favia G, Lumachi F, Reale F, **Sommariva A**, D'Amico DF.
[Primary hyperparathyroidism. Critical analysis of a 20-year experience].
Ann Ital Chir. 1999 May-Jun;70(3):399-403. Italian.

Impact factor (ISI): 0.68 - Times cited (Google Scholar):1

Book chapters (English)

Rossi CR, Sommariva A.
Melanoma

In book: Plastic and Reconstructive Surgery: Approaches and Techniques, Chapter: 9, Publisher: Wiley-Blackwell, 2015, Editors: Ross Farhadieh, Neil Bulstrode, Sabrina Cugno ISBN: 978-1-118-65542-9

Sommariva A, Cona C, Rossi CR

Changing Perceptions of Lymphadenectomy and Sentinel Lymph Node Biopsy in Melanoma

In book: Melanoma - Current Clinical Management and Future Therapeutics, Chapter: 6, Publisher: InTech, 2015, Editors: Prof. Mandi Murph (Ed).DOI: 10.5772/59195

Sommariva A, Rossi CR

Peritoneal Carcinomatosis from Colorectal Cancer

In book: Treatment of Peritoneal Surface Malignancies, Chapter 19, Publisher: Springer Milan, 2014, Editors: Angelo Di Giorgio, Enrico Pinto, pp.271-294.DOI: 10.1007/978-88-470-5711-1_19

Padova, 14 July 2016