

# **CURRICULUM VITAE**

**PIERLUIGI PILATI**

**Director of Unit of Surgical Oncology of the Esophagus and Digestive  
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## **PERSONAL DATA**

- Born in Venice, 25th May 1957
- Address: via Don Bosco, 55/a - 35020 – Albignasego (PD) Italy
- CF: PLTPLG57E25L736N
- Phone Number (home): +39 049.693485
- Mobile Number: +39 3383534376
- Work Phone Number: +39 3341016252
- Fax: +39 0423.421307
- E-mail: pierluigi.pilati@iov.veneto.it

## **WORKING POSITION**

Director of the Unit of Surgical Oncology of the Esophagus and Digestive Tract, Veneto  
Institute of Oncology IOV – IRCCS from 1st March 2018.

## PROFESSIONAL TRAINING

- July 1977: graduate in Scientific High School “Giordano Bruno” in Venice
- 1977-1978: Starting in University of Padua Medical School and Foundation Training, ending with the “*Laurea Magistrale in Medicina e Chirurgia*” (Bachelor) the 22th March 1983 with the graduation of 105/110.
- Professional qualification in the 2<sup>nd</sup> session in 1983
- Certificate of Completion Training in General Surgery (“*Specialità in Chirurgia Generale*”) the 11<sup>th</sup> July 1988, with the graduation of 70/70 in University of Padua
- Performed BTLS Course (Basic Trauma Live Support) in 1998
- Performed ATLS Course (Advanced Trauma Life Support) in 1999
- Become ATLS teacher, (Advanced Trauma Life Support – American College of Surgeons – Committee on Trauma) in 1999
- November 2003: attended Workshop theoretical and practical in Colo Rectal Minimal Invasive and Laparoscopic Surgery in University of Turin (Department of General Surgery)
- June 2004: attended ATLS UPDATE COURSE (American College of Surgeons) performed for teachers
- June 2004: surgical chief of “Tumor loco-regional treatments” in II Unit of General Surgery, University of Padua
- 2006: attended Oncosurgical Workshop on liver metastases from colorectal cancer, Hepatic Surgery Center (C.H.B.) in the Paul Brousse Hospital, Villejuif (Paris)
- 2010: attended Advanced Course “Management of colorectal liver metastases” organised by the European Society of Surgical Oncology in Bordeaux
- 16th February 2014-28th February 2018: Director of the Unit of General Surgery in Sant’Antonio Hospital, Padua – ULSS 6
- July 2015- December 2017: Director “ad interim” of the Unit of General Surgery in Immacolata Concezione Hospital, Piove di Sacco – ULSS 6
- June 2015- January 2018: Department Chief of General Surgery in Sant’Antonio Hospital, Padua – ULSS 6
- February-December 2016: attended The Health Management Course for Managers and Directors in Regione Veneto Public Health Specialization School.

## **SCHOLARSHIP**

- 1989: scholarship paid by “Lega Italiana Lotta contro i Tumori (LILT)” for the observership in Hammersmith Hospital London University.

## **POST DOCTORAL OBSERVERSHIPS AND FELLOWSHIPS**

- August-December 1989: visiting surgeon in Department of General Surgery in the Hammersmith Hospital (London University, London UK); focus on surgical treatment of primary and secondary liver tumors.
- December 1989-January 1990: visiting surgeon in Saint Mark’s Hospital (London, UK); focus on inflammatory bowel diseases (IBD).
- January 1990: visiting surgeon in Middelsex Hospital (London, UK); focus on oncological pancreatic surgery.
- November 1999: visiting surgeon in Departement of Surgical Oncology, Erasmus University Medical Center, 301 Groene Hilledijk, Rotterdam – Netherlands, surgical and research activity with Prof. Alexander Eggermont and Dr. TL. Ten Hagen on hyperthermic-antiblastic perfusion in the treatment of limbs’ tumors.
- November-December 2000: visiting surgeon in Surgery Branch, National Cancer Institute, National Institutes of Health of Bethesda, MD (USA); surgical and research activity on hyperthermic-antiblastic perfusion in primary and metastatic liver tumors and peritoneal carcinomatosis.

## **TEACHING ACTIVITIES**

From 1999-2000 starts teaching activities in University of Padua

### **Teacher in Advanced training courses in University of Padua, as follow:**

- March-June 2000: Advanced training in Coloproctology: co-ordinator Prof. G. Dodi
- March-June 2001: Advanced training in Coloproctology: co-ordinator Prof. G. Dodi
- March-June 2002: Advanced training in Coloproctology: co-ordinator Prof. G. Dodi
- March-June 2003: Advanced training in Coloproctology: co-ordinator Prof. G. Dodi
- March-June 2004: Advanced training in Coloproctology: co-ordinator Prof. G. Dodi
- March-June 2005: Advanced training in Coloproctology: co-ordinator Prof. G. Dodi
- March-June 2001: Advanced training in Gastrointestinal tumors: co-ordinator Dr. S. Pucciarelli
- March-June 2002: Advanced training in Gastrointestinal tumors: co-ordinator Dr. S. Pucciarelli
- March-June 2003: Advanced training in Gastrointestinal tumors: co-ordinator Dr. S. Pucciarelli
- March-June 2004: Advanced training in Gastrointestinal tumors: co-ordinator Dr. S. Pucciarelli
- March-June 2001: Advanced training in Emergency: co-ordinator Prof. D. Nitti
- March-June 2002: Advanced training in Emergency: co-ordinator Prof. D. Nitti
- March-June 2003: Advanced training in Emergency: co-ordinator Prof. D. Nitti
- March-June 2003: Advanced training in Surgery in developing countries: co-ordinator Prof. M. Lise
- March-June 2004: Advance training in Surgery in developing countries: co-ordinator Prof. M. Lise

## **Post-Graduated School: integrative courses (University of Padua):**

### *Post-Graduated School in Emergency Surgery*

- 1999-2000. Integrative Course: semeiotic and diagnostic Patient affected of soft tissue neoplasia: semeiotic and diagnosis. Second School Year. 30 Hours.
- 2000-2001. Integrative Course: semeiotic and diagnostic Patient affected of soft tissue neoplasia: semeiotic and diagnosis. Second School Year. 30 Hours.

### *Post-Graduated School in Emergency Surgery*

- 1999-2000. Integrative Course: Correlation between postoperative risk and postoperative complications: Third Year. 10 Hours.
- 2000-2001. Integrative Course: Correlation between postoperative risk and postoperative complications: Third Year. 10 Hours.
- 2001-2002. Integrative Course: Correlation between postoperative risk and postoperative complications: Third Year. 10 Hours.
- 2002-2003. Integrative Course: Correlation between postoperative risk and postoperative complications: Third Year. 10 Hours.
- 2003-2004. Integrative Course: Correlation between postoperative risk and postoperative complications: Third Year. 10 Hours.
- 2004-2005. Integrative Course: Correlation between postoperative risk and postoperative complications: Third Year. 10 Hours.
- 2005-2006. Integrative Course: Correlation between postoperative risk and postoperative complications: Third Year. 10 Hours.
- 2006-2007. Integrative Course: Correlation between postoperative risk and postoperative complications: Third Year. 10 Hours.
- 2007-2008. Integrative Course: Correlation between postoperative risk and postoperative complications: Third Year. 10 Hours.
- 2008-2009. Integrative Course: Correlation between postoperative risk and postoperative complications: Third Year. 10 Hours.
- 2009-2010. Integrative Course: Correlation between postoperative risk and postoperative complications: Third Year. 10 Hours.

### *Post-Graduated School in Emergency Surgery*

- 2006-2007. Integrative Course: Emergency in General Surgery: Fourth Year. 10 Hours.

*Post-Graduated School in Emergency Surgery*

- 2002-2003. Integrative Course: Correlation between postoperative risk and postoperative complications: Third Year. 10 Hours.
- 2003-2004. Integrative Course: Correlation between postoperative risk and postoperative complications: Third Year. 10 Hours.
- 2004-2005. Integrative Course: Correlation between postoperative risk and postoperative complications: Third Year. 10 Hours.
- 2005-2006. Integrative Course: Correlation between postoperative risk and postoperative complications: Third Year. 10 Hours.

*Post-Graduated School in Emergency Surgery*

- 2002-2003. Integrative Course: Surgical problems in Emergency: Fourth Year. 20 Hours.
- 2003-2004. Integrative Course: Surgical problems in Emergency: Fourth Year. 20 Hours.
- 2004-2005. Integrative Course: Surgical problems in Emergency: Fourth Year. 20 Hours.
- 2005-2006. Integrative Course: Surgical problems in Emergency: Fourth Year. 20 Hours.

*Post-Graduated School in General Surgery*

- 2010-2011. Before and after general surgery: Third Year. 10 Hours.

*Post-Graduated School in General Surgery*

- 2011-2012. Integrative Course: Physiopathology in Gastroenteric tract in Surgery: Second Year. 7 Hours.



- 2012-2013. Integrative Course: Physiopathology in Gastroenteric tract in Surgery: Second Year. 7 Hours.
- 2013-2014. Integrative Course: Physiopathology in Gastroenteric tract in Surgery: Second Year. 7 Hours.
- 2014-2015. Integrative Course: Physiopathology in Gastroenteric tract in Surgery: Second Year. 7 Hours.
- 2015-2016. Integrative Course: Physiopathology in Gastroenteric tract in Surgery: Second Year. 14 Hours.

*Post-Graduated School in General Surgery*

- 2011-2012. Integrative Course: Emergency in Transplantation. Fourth Year. 20 Hours.

*Post-Graduated School in Oncology*

- 2005-2006. Integrative Course: Elements of surgical oncology: Third Year. 15 Hours.
- 2006-2007. Integrative Course: Elements of surgical oncology: Third Year. 15 Hours.
- 2007-2008. Integrative Course: Elements of surgical oncology: Third Year. 15 Hours.
- 2008-2009. Integrative Course: Elements of surgical oncology: Third Year. 15 Hours.
- 2009-2010. Integrative Course: Elements of surgical oncology: Third Year. 15 Hours.

*Post-Graduated School in Radiotherapy*

- 2000-2001. Integrative Course: Loco-regional therapies: Second Year. 10 Hours.
- 2001-2002. Integrative Course: Loco-regional therapies: Second Year. 10 Hours.
- 2002-2003. Integrative Course: Loco-regional therapies: Second Year. 10 Hours.
- 2003-2004. Integrative Course: Loco-regional therapies: Second Year. 10 Hours.
- 2004-2005. Integrative Course: Loco-regional therapies: Second Year. 10 Hours.
- 2005-2006. Integrative Course: Loco-regional therapies: Second Year. 10 Hours.

- 2006-2007. Integrative Course: Loco-regional therapies: Second Year. 10 Hours.
- 2007-2008. Integrative Course: Loco-regional therapies: Second Year. 10 Hours.
- 2008-2009. Integrative Course: Loco-regional therapies: Second Year. 10 Hours.

*Post-Graduated School in Internal Medicine (Old Legislation – II School)*

- 2008-2009. Official Course: General Surgery and Emergency: Fourth Year. 15 Hours.
- 2009-2010. Official Course: General Surgery and Emergency: Fourth Year. 15 Hours.
- 2010-2011. Official Course: General Surgery and Emergency: Fourth Year. 15 Hours.

**Official Courses in University of Padua (Corso di Laurea in Medicina e Chirurgia)**

- 2005-2006: Loco-regional therapies (Prof Rossi – Dr. Pilati)
- 2006-2007: Loco-regional therapies (Prof Rossi – Dr. Pilati)
- 2007-2008: Loco-regional therapies (Prof Rossi – Dr. Pilati)
- 2008-2009: Loco-regional therapies (Prof Rossi – Dr. Pilati)
- 2009-2010: Loco-regional therapies (Prof Rossi – Dr. Pilati)

## **Medical Student's Tutor in University of Padua**

- 2004-2005 (First and second session) Tutor and evaluator in Medical Practice Licence.
- 2007-2008 (First and second session) Tutor and evaluator in Medical Practice Licence.
  
- 2002-2003. Medical Students' Tutor (Fourth and Fifth Years).
- 2003-2004. Medical Students' Tutor (Fourth and Fifth Years).
- 2004-2005. Medical Students' Tutor (Fourth and Fifth Years).
- 2005-2006. Medical Students' Tutor (Fourth and Fifth Years).
- 2006-2007. Medical Students' Tutor (Fourth and Fifth Years).
- 2007-2008. Medical Students' Tutor (Fourth and Fifth Years).
- 2008-2009. Medical Students' Tutor (Fourth and Fifth Years).
- 2009-2010. Medical Students' Tutor (Fourth and Fifth Years).
- 2010-2011. Medical Students' Tutor (Fourth and Fifth Years).
- 2011-2012. Medical Students' Tutor (Fourth and Fifth Years).

## **University Degree and General Surgery Qualification**

From July 1989 to the present day: Co-rapporteur and Supervisor in Medical Graduation Thesis (Tesi di laurea in Medicina e Chirurgia) and General Surgery Thesis in University of Padua.

## **OTHER TEACHING ACTIVITIES**

### **Teacher and Supervisor in ATLS Course (University of Padua)**

- May 1999 – October 1999: Advances Trauma Life Support Course
- May 2000 – October 2000: Advances Trauma Life Support Course
- May 2001 – October 2001: Advances Trauma Life Support Course
- May 2002 – October 2002: Advances Trauma Life Support Course
- May 2003 – October 2003: Advances Trauma Life Support Course
- May 2004 – October 2004: Advances Trauma Life Support Course
- May 2005 – October 2005: Advances Trauma Life Support Course

## RESEARCH AND SCIENTIFIC ACTIVITIES

### Practical Research

Involved in the following items:

- Experimental model on rats for studying the vascularization of liver metastases, by microangiography and watching the wash-out of Xenon-133 injected in the tumor.
- Action of TNF in human model during isolated limb perfusion.
- Use of: real time PCR, high throughput DNA array, laser scanning cytometry, proteomica, RNA interference, during target and immunotherapy.
- Finding experimental models for new CT in loco-regional therapies (in particular role of Doxorubicine and HIPEC in the colorectal cancer).
- Study of circulating tumor cells (with PCR nested) in patients affected by melanoma with high risk of recurrency.
- Animal model (tested in pigs) for liver hypertermic-antineoplastic isolated perfusion in not resectable hepatic tumors.
- Cytotoxic activities of antitumoral drugs in experimental models in hepatic hypertermic perfusion (pharmacokinetic and pharmacodynamic studies).
- Chief in isolated limb perfusion during the study: "Use of nano-particles for drug-delivery in human model of colorectal tumor (ex-vivo)".

### Clinical Research

Involved in studies with particular interest in surgical treatments in Upper and Lower GI cancers, peritoneal sarcomatosis, primary and metastatic liver tumors, soft tissue sarcomas and retroperitoneal tumors, in-transit melanoma metastasis, metastasis in colorectal and ovarian cancers undergoing stop-flow treatment.

From 1987 involved in loco-regional therapies for metastatic tumors. In particular:

- Intra-portal and intra-arterial hepatic infusion for the treatment of hepatic metastases of colorectal carcinoma versus systemic chemotherapy.
- Hyperthermic-antitumoral limb perfusion for the treatment of in-transit melanoma metastases. He has actively participated in the implementation (drafting of the protocol, surgical interventions, patient's follow-up, analysis of results,

preparation of related publications) of the following Italian studies: “*Perfusione isolata di arto a base di fotemustina preceduta da chemiosensibilizzazione con dacarbazina per via sistemica: EORTC study*”; “*Perfusione isolata di arto con basse dosi di TNF in pazienti con metastasi in transito da melanoma cutaneo: phase I-II study*” (“Isolated limb perfusion based on photemustine preceded by systemic chemotherapy with dacarbazine: EORTC study”; “Isolated limb perfusion with low doses of TNF in patients with cutaneous in-transit melanoma metastases: phase I-II study”).

- Hyperthermic-antiblastic limb perfusion for the treatment of limbs’ soft tissue sarcomas in patients candidates for amputation. He has actively participated in the implementation (drafting of the protocol, surgical interventions, patient’s follow-up, analysis of results, preparation of related publications) of the following Italian studies: “*Phase I Study: uso della doxorubicina associata al TNF durante perfusione isolata di arto per il trattamento dei sarcomi delle parti molli degli arti*”. “*Perfusione isolata di arto con basse dosi di TNF in pazienti con sarcomi delle parti molli candidati all’amputazione: phase II study*”. (Phase I study: use of TNF-associated to doxorubicin during isolated limb perfusion for the treatment of limbs’ soft tissue sarcomas”. “Isolated limb perfusion with low doses of TNF in patients with soft tissue sarcomas in patients candidates for amputation: phase II study”).
- HIPEC for the treatment of intra-abdominal carcinosis / sarcomatosis. He has actively participated in the implementation (drafting of the protocol, surgical interventions, patient’s follow-up, analysis of results, preparation of related publications) of the following Italian studies: “*Chemio-ipertermia intraperitoneale intraoperatoria nei pazienti affetti da sarcomatosi intra-addominale: multicenter phase II national study*”; “*Perfusione ipertermico-antiblastica intraperitoneale intraoperatoria per il trattamento della carcinosi di origine ovarica: multicenter randomized phase III national study (CIPOV)*”. (“HIPEC in patients with intra-abdominal sarcomatosis: multicenter phase II national study ”; “Intraoperative intraperitoneal hyperthermic perfusion for the treatment of ovarian carcinosis: multicenter randomized phase III national study (CIPOV)”).
- Perfusion with stop-flow technique for the treatment of locally advanced tumors of the limbs and pelvis that are not operable and resistant to traditional medical

therapy. He has actively participated in the implementation (drafting of the protocol, surgical interventions, patient's follow-up, analysis of results, preparation of related publications) of the following Italian study: "*Studio pilota sull'uso della perfusione ipossico-antiblastica con tecnica dello stop-flow per il trattamento dei tumori degli arti e della pelvi*". ("Pilot study on the use of stop-flow technique (hypoxic-antiblastic perfusion) for the treatment of limb and pelvis tumors").

- Isolated hyperthermal-antiblastic liver perfusion for the treatment of unresectable liver neoplasms. He has actively participated in the implementation (drafting of the protocol, surgical interventions, patient's follow-up, analysis of results, preparation of related publications) of the following Italian study: "*Perfusione isolata di fegato per le metastasi epatiche non resecabili: studio pilota monocentrico*". ("Isolated liver perfusion for unresectable hepatic metastases: monocentric pilot study").
- He participated at the phase II study entitled: "Phase II Study on alternated bevacizumab combined with intrahepatic oxaliplatin and systemic folfiri in colorectal cancer unresectable liver metastases". The study was approved by the Ethics Committee of the Veneto Oncological Institute I.O.V. – I.R.C.C.S. of Padua and conducted in collaboration with the I.O.V. Medical Oncology.
- He developed and was the first coordinator of the Italian study entitled: "*Perfusione isolata di fegato con oxaliplatino in pazienti con metastasi epatiche da carcinoma del colon-retto non responsive alla chemioterapia sistemica: phase I-II study*". ("Isolated liver perfusion with oxaliplatin in patients with hepatic metastases from colorectal carcinoma not responsive to systemic chemotherapy: phase 1-2 study") held in University of Padua in II Unit of General Surgery.
- He participated at the Italian study entitled: "*Analisi del profilo di espressione fosfoproteomica per l'identificazione di fattori predittivi di risposta e di nuovi bersagli molecolari nelle metastasi epatiche da carcinoma del colon-retto*." ("Analysis of the phosphoproteomic expression for the identification of predictor response factors and new molecular targets in hepatic metastases from colorectal carcinoma").
- He participated in the activities of the European research group entitled CONTICANET (Connective Tissues Cancers Network), financed by 6th

Framework Program of the European Commission and dedicated to research in the field of soft-tissue sarcomas (see review: “*Rossi CR, Vecchiato A, Mastrangelo G, Montesco MC, Russano F, Mocellin S, Pasquali S, Scarzello G, Basso U, Frasson A, Pilati P, Nitti D, Lurkin A, Ray-Coquard I. Adherence to treatment guidelines for primary sarcomas affect patient survival: a side study of the European CONnective TIssue CAncer NETwork (CONTICANET), AnnOncol., 2013 Jun; 24 (6): 1685-91, D: 10.1093 /annonc / mdt031, PubMed PMID: 23446092*”).

## BIBLIOMETRIC INDICATORS

INDICATOR	VALUE	
Articles in extenso	100	International peer-reviews
Impact Factor (total)	405,7	ISI Thompson 2015
Impact Factor (average)	4,1	ISI Thompson 2015
Number of articles with IF > 5	26	ISI Thompson 2015
Total citations	2418	SCOPUS 2016
Average of citations	24	SCOPUS 2016
H-index	27	SCOPUS 2016



**ARTICLES (PUBLISHED IN EXTENSO)**

<b>ID</b>	<b>Authors</b>	<b>Title and bibliography</b>	<b>Year</b>	<b>Revue</b>	<b>Impact Factor 2015</b>	<b>SCOPUS Quotes</b>
1	Cheng Y, Briarava M, Lai M, Wang X, Tu B, Cheng N, Gong J, Yuan Y, <b>Pilati P</b> , Mocellin S.	Pancreaticojejunostomy versus pancreaticogastrostomy reconstruction for the prevention of postoperative pancreatic fistula following pancreaticoduodenectomy. <i>Cochrane Database Syst Rev.</i> 2017 Sep 12;9:CD012257. doi: 10.1002/14651858.CD012257.pub2. [Epub ahead of print]	2017	Cochrane Database Syst Rev	6,035	-
2	Benna C, Foerster C, Rajendran S, Monticelli H, <b>Pilati P</b> , Nitti D, Mocellin S	Genetic variation of clock genes and cancer risk: a field synopsis and meta-analysis. <i>Oncotarget.</i> 2017 Apr 4;8(14):23978-23995	2017	Oncotarget	5,008	-
3	Cremolini C, Casagrande M, Loupakis F, Aprile G, Bergamo F, Masi G, Moretto R R, Pietrantonio F, Marmorino F, Zucchelli G, Tomasello G, Tonini G, Allegrini G, Granetto C, Ferrari L, Urbani L, Cillo U, <b>Pilati P</b> , Sensi E, Pellegrinelli A, Milione M, Fontanini G, Falcone A	Efficacy of FOLFOXIRI plus bevacizumab in liver-limited metastatic colorectal cancer: A pooled analysis of clinical studies by Gruppo Oncologico del Nord Ovest. <i>Eur J Cancer.</i> 2016 Dec 13. pii: S0959-8049(16)32534-5. doi: 10.1016/j.ejca.2016.10.028. [Epub ahead of print]	2016	Eur J Cancer	6,163	-

4	Rastrelli M, Mocellin S, Stramare R, Brunello A, Maruzzo M, Basso U, Scarzello G, Buzzaccarini MS, <b>Pilati P</b> , Saadeh LM, Del Fiore SP, Tosi A, Montesco C, Campana LG, Tropea S, Rossi CR	Isolated limb perfusion for the management limb threatening soft tissue sarcomas: The role of histological type on clinical outcomes. Eur J Surg Oncol. 2016 Nov 18. pii: S0748-7983(16)30953-2. doi: 10.1016/j.ejso.2016.09.021. [Epub ahead of print]	2016	Eur J Surg Oncol.	2,940	-
5	Mocellin S, Briarava M, <b>Pilati P</b>	Vitamin B6 and Cancer Risk: A Field Synopsis and Meta-Analysis. J Natl Cancer Inst. 2016 Oct 30;109(3)	2016	J Natl Cancer Inst.	11,370	-
6	Mocellin S, <b>Pilati P</b> , Briarava M, Nitti D	Breast Cancer Chemoprevention: A Network Meta-Analysis of Randomized Controlled Trials. J Natl Cancer Inst. 2015 Nov 18;108(2)	2015	J Natl Cancer Inst.	11,370	4
7	Kyrgidis A, Tzellos T, Mocellin S, Apalla Z, Lallas A, <b>Pilati P</b> , Stratigos A	Sentinel lymph node biopsy followed by lymph node dissection for localised primary cutaneous melanoma. Cochrane Database Syst Rev. 2015 May 16;5:CD010307	2015	Cochrane Database Syst Rev	6,035	3
8	Valpione S, Aliberti C, Parrozzani R, Bazzi M, Pigozzo J, Mideni E, <b>Pilati P</b> , Campana LG, Chiarion-Sileni V.	A retrospective analysis of 141 patients with liver metastases from uveal melanoma: a two-cohort study comparing transarterial chemoembolization with CPT-11 charged microbeads and historical treatments. Melanoma Res. 2015 Apr;25(2):164-8.	2015	Melanoma Res.	2,219	2
9	Tzellos T, Kyrgidis A, Mocellin S, Chan AW, <b>Pilati P</b> , Apalla Z.	Interventions for melanoma in situ, including lentigo maligna. Cochrane Database Syst Rev. 2014 Dec 19;12:CD010308.	2014	Cochrane Database Syst Rev	6,035	7
10	Perilli L, Pizzini S, Bisognin A, Mandruzzato S, Biasiolo M, Faccioli A, Rossi E, Esposito G, Rugge M, <b>Pilati P</b> , Mocellin	Human miRNome profiling in colorectal cancer and liver metastasis development. Genom Data. 2014 Jun 27;2:184-8.	2014	Genom Data	NA	2

	S, Nitti D, Bortoluzzi S, Zanovello P.					
11	Rossi CR, Varotto A, Pasquali S, Campana LG, Mocellin S, Sommariva A, Montesco MC, Rastrelli M, Vecchiato A, <b>Pilati P</b> , Nitti D.	Patient outcome after complete surgery for retroperitoneal sarcoma. <i>Anticancer Res.</i> 2013 Sep;33(9):4081-7	2013	<i>Anticancer Res.</i>	1,895	0
12	Sommariva A, Pasquali S, Del Fiore P, Montesco MC, <b>Pilati PL</b> , 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. <i>Anticancer Res.</i> 2013 Sep;33(9):3989-94.	2013	<i>Anticancer Res.</i>	1,895	4
13	Pizzini S, Bisognin A, Mandruzzato S, Biasiolo M, Faccioli A, Perilli L, Rossi E, Esposito G, Rugge M, <b>Pilati P</b> , Mocellin S, Nitti D, Bortoluzzi S, Zanovello P.	Impact of microRNAs on regulatory networks and pathways in human colorectal carcinogenesis and development of metastasis. <i>BMC Genomics.</i> 2013 Aug 29;14:589.	2013	<i>BMC Genomics.</i>	3,867	67
14	Mocellin S, Lens MB, Pasquali S, <b>Pilati P</b> , Chiarion Sileni V.	Interferon alpha for the adjuvant treatment of cutaneous melanoma. <i>Cochrane Database Syst Rev.</i> 2013 Jun 18;6:CD008955.	2013	<i>Cochrane Database Syst Rev</i>	6,035	54
15	Rossi CR, Vecchiato A, Mastrangelo G, Montesco MC, Russano F, Mocellin S, Pasquali S, Scarzello G, Basso U, Frasson A, <b>Pilati P</b> , Nitti D, Lurkin A, Ray-Coquard I.	Adherence to treatment guidelines for primary sarcomas affects patient survival: a side study of the European CONnective TIssue Cancer NETwork (CONTICANET). <i>Ann Oncol.</i> 2013 Jun;24(6):1685-91.	2013	<i>Ann Oncol.</i>	9,269	17

16	Mocellin S, Benna C, <b>Pilati P.</b>	Coinhibitory molecules in cancer biology and therapy. Cytokine Growth Factor Rev. 2013 Apr;24(2):147-61.	2013	Cytokine Growth Factor Rev.	6,571	14
17	Mammano E, Galdi F, Pierobon M, Tessari E, Deng J, Pucciarelli S, Agostini M, De Marchi F, Canzonieri V, De Paoli A, Belluco C, Liotta L, Petricoin E, <b>Pilati P</b> , Nitti D.	Multiplexed protein signal pathway mapping identifies patients with rectal cancer that responds to neoadjuvant treatment. Clin Colorectal Cancer. 2012 Dec;11(4):268-74.	2012	Clin Colorectal Cancer	3,09	4
18	Sommariva A, <b>Pilati P</b> , 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.	2012	Cancer Treat Rev.	7,983	9
19	Morando F, Alaibac M, Romano A, Cavallin M, Piano S, Pizzi M, Mescoli C, <b>Pilati P</b> , Gatta A, Angeli P.	The liver: another organ involved in Muir Torre syndrome? Fam Cancer. 2012 Mar;11(1):7-12.	2012	Fam Cancer	2,090	4
20	<b>Pilati P</b> , Mocellin S, Bertazza L, Galdi F, Briarava M, Mammano E, Tessari E, Zavagno G, Nitti D.	Prognostic value of putative circulating cancer stem cells in patients undergoing hepatic resection for colorectal liver metastasis. Ann Surg Oncol. 2012 Feb;19(2):402-8.	2012	Ann Surg Oncol	3,655	47
21	<b>Pilati P</b> , Nitti D, Mocellin S.	Cancer Resistance to Type II Topoisomerase Inhibitors. Curr Med Chem. 2012 Aug 1;19(23):3900-6	2012	Curr Med Chem	3,372	6
22	Mocellin S, Bertazza L, Benna C, <b>Pilati P</b>	Circumventing melanoma chemoresistance by targeting DNA repair. Curr Med Chem. 2012 Aug 1;19(23):3893-9	2012	Curr Med Chem	3,372	5

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## **DIRECTION AND PARTICIPATION IN RESEARCH PROJECTS**

He was Scientific Coordinator of the University Project (2004 National Call) entitled "*Perfusione isolata ipertermico-antiblastica di fegato per neoplasie non resecabili e non responsive ai trattamenti convenzionali*" ("Isolated hyperthermic-antiblastic liver perfusion for non-resectable neoplasms and not responsive to conventional treatments"), financed by the University of Padua for 33,000 euros.

He participated in the University Project (2013 National Call) entitled "Overcoming chemoresistance in colorectal cancer: a translational study" (Scientific Coordinator Prof. Donato Nitti), financed by the University of Padua for 39,910 euros.

He participated at the AIRC Project (2008 Regional Call) entitled "Tumor microenvironment and tumor spread in gastrointestinal cancers" (Scientific Coordinator Prof. Donato Nitti), which took place from November 2008 to June 2012 and it was financed by AIRC for 750,000 euros.

He participated in the Project (2008 National Call) entitled "Hereditary and familial cancer" (Scientific Coordinator Prof. Donato Nitti), financed by the Antonveneta Bank Foundation for 200,000 euros.

He participated at the AIRC Project (2005 Regional Call) entitled "Innovative diagnostic, prognostic and therapeutic tools for the management of gastric and colorectal carcinoma" (Scientific Coordinator Prof. Donato Nitti), which took place from January 2005 to December 2007 and was financed by AIRC for 1,010,000 euros.

He participated at the AIRC Project (2003 National Call) entitled "A phase II study on adjuvant intraoperative peritoneal perfusion in visceral/retro-peritoneal sarcomas" (Scientific Coordinator Prof. Mario Lise), financed by AIRC for 30,000 euros.

He participated at the Project promoted by Fidia Advanced Biopolymers (F.A.B.) s.r.l. (1998 National Call) entitled "*Sviluppo di specifici modelli animali per la valutazione della biocompatibilità dei biomateriali che F.A.B. svilupperà nel settore chirurgico*"

(“development of specific animal models for evaluating the biocompatibility of biomaterials that F.A.B. will develop in the surgical sector”) (Scientific Coordinator Prof. Mario Lise), financed by Fidia for 35 million italian lire.

## **SCIENTIFIC SOCIETIES AND CONGRESS**

### **Actually member of:**

1. Società Italiana di Chirurgia (SIC).
2. Società Triveneta di Chirurgia; (also member of the Management Board)
3. Società Italiana per le Terapie Integrate Locoregionali in Oncologia (SITIOLO);  
from 2004 also member of the Management Board
4. Society of Surgical Oncology (SSO).
5. International Society of Surgical Endoscopy (ISSE); actually Regional President  
of the society

### **He was member of:**

1. Italian Melanoma Intergroup (IMI)
2. Italian Sarcoma Group (ISG)
3. International Society for Regional Cancer Therapy
4. Associazione Europea Ipertermia

### **Congress organization**

Organization of medical-scientific congresses, as follow:

- 1st National Congress of the Italian Society of Locoregional Integrated Therapies in Oncology (SITIOLO) – Padua, 7-9 of May 1998.
- Cutaneous melanoma: state of art and future perspectives; EORTC Melanoma Group spring meeting – Padua, 11-13 of April 2002.
- Carcinosis and peritoneal sarcomatosis: current role of cytoreductive surgery associated with intraperitoneal chemohyperthermia – Padua 18<sup>th</sup> June 2003.
- Melanoma “Today” and “Tomorrow” (in the occasion of the five years of activity of the Regional Reference Center for Melanoma) – Padua, 24<sup>th</sup> June 2005.
- Melanoma: Open Issues – Padua, 30-31 of March 2006.
- Italian Melanoma Intergroup (IMI), National Congress – Padua, October 2007.

- State of art in the treatment of colorectal carcinoma and liver metastases – Padua, 28<sup>th</sup> October 2011.
- 1st Advanced Course of Hepatic Interventional Onco-Radiology – Padua, 19-20 of October 2012.

**Congress participation:**

He has participated in several national and international medical-scientific congresses as speaker and/or moderator.

**CLINICAL-ASSISTANCE ACTIVITY**

18.01.1993 - 29.12.1993. Medical Assistant in the University of Padua (Azienda Ospedaliera Policlinico), in General Surgery, permanent with full-time employment.

30.12.1993 - 31.12.1995. Medical Assistant (First Level Manager Sub-B), in General Surgery, permanent with full-time employment.

01.01.1996 - 05.12.1996. Medical Assistant (First Level Manager Sub-B), in General Surgery, permanent with full-time employment.

06.12.1996 - 18.01.1998. Medical Assistant (First Manager Level) in General Surgery, permanent with full-time employment.

19.01.1998 - 30.07.1999. Medical Assistant (Ex art. 117, First Manager Level) in General Surgery, permanent with full-time employment.

31.07.1999 - 31.12.2000. Medical Doctor (non exclusive relationship, First Manager Level) in General Surgery, permanent with full-time employment.

01.01.2001 - 31.05.2004. Medical Doctor (exclusive relationship, First Manager Level) in General Surgery, permanent with full-time employment.

01.06.2004 - February 2014. Medical Doctor (exclusive relationship, First Manager Level) in General Surgery, permanent with full-time employment.

30.05.2006 - February 2014 appointment of High Specialization in "Loco-regional treatment of tumors" related to the University of Padua (Clinica Chirurgica II and after Clinica Chirurgica I) was conferred with resolution n.392 of 30.05.2006 and subsequent time extensions in application to the procedures of the art. 28 of the CCNL 1998/2001, Medical and Veterinary Management area (effective from 01.06.2004 and until 31.12.2010, subsequently renewed in office from 01.01.2011 and expiring on 31.12.2015).

Director of the U.O.C General Surgery in Sant'Antonio Hospital in Padua – ULSS 6 (former ULSS 16) from February 2014 (task for 5 years).

Director “ad Interim” of the U.O.C. General Surgery in Immaculate Conception Hospital in Piove di Sacco – ULSS 6 (former ULSS 16) from 16<sup>th</sup> of July 2015 (task for 2 years).

He obtained the managerial position of Director of Surgical Department with resolution n. 672 of 21/05/2015 and confirmed in execution of the resolution no. 694 of 08.07.2016 in Sant'Antonio Hospital in Padua – ULSS 6 (former ULSS 16).

### **Surgical Interventions Performed As First Operator**

From 2003 to January 2014, as first assistant in University of Padua (II Unit of General Surgery which later became I Unit of General Surgery), he performed **986** interventions as first operator, in particular **689** interventions distributed as follows:

- 7 Esophagectomy for cardias and esophageal cancer
- 33 Subtotal or total gastrectomy for gastric cancer
- 10 Major Surgery on small intestine for neoplasia
- 155 Major Colorectal surgery with laparoscopic or open access

- 52 RAR with laparoscopic or open access
- 69 Hepatic resection for primary or secondary neoplasia
- 11 Major Surgery (DCP / distal pancreatectomy) for pancreatic neoplasia
- 20 HIPEC for carcinosis
- 15 Pelvic hypoxic perfusion or isolated limb perfusion (stop-flow) for locally advanced neoplasia
- 19 Inguino-iliac-obturation linf-node total dissection
- 10 Intervention on the urinary tract (kidney, bladder) for neoplasia
- 8 Total hysterectomy for gynecological neoplasia
- 70 Emergency surgery (major surgery, trauma, occlusion, perforation, hemoperitoneum)
- 107 Gallbladder and biliary tract surgery with laparoscopic or open access
- 74 Inguinal hernia or incisional hernia repair

Since February 2014, as Director of the U.O.C. of General Surgery in Sant'Antonio Hospital of Padua, has performed **526** surgical interventions as first operator, in particular **426** interventions distributed as follows:

- 3 Esophagectomy for cardias and esophageal cancer
- 33 Subtotal or total gastrectomy for gastric cancer
- 13 Major Surgery on small intestine for neoplasia
- 97 Major Cololorectal surgery with laparoscopic or open access
- 34 Abdominoperitoneal amputation (Miles) with laparoscopic or open access
- 50 Hepatic resection for primary or secondary neoplasia
- 9 Major Surgery (DCP / distal pancreatectomy) for pancreatic neoplasia
- 16 HIPEC for carcinosis
- 2 Pelvic hypoxic perfusion or isolated limb perfusion (stop-flow) for locally advanced neoplasia
- 2 Inguino-iliac-obturation linf-node total dissection
- 10 Total hysterectomy for gynecological neoplasia
- 25 Emergency surgery (major surgery, trauma, occlusion, perforation, hemoperitoneum)
- 71 Gallbladder and biliary tract surgery with laparoscopic or open access



### **Endoscopic Activity**

Since 1984 he has performed diagnostic and operative endoscopic activities of the upper and lower digestive tract and of the biliary tract (ERCP) at University of Padua (II Unit of General Surgery which later became I Unit of General Surgery) and from February 2014 at the U.O.C. of General Surgery in Sant'Antonio Hospital of Padua.

I authorize the processing of my personal data pursuant to Legislative Decree 30 June 2003, n. 196 "Code regarding the protection of personal data".

Pierluigi Pilati