

GABRIELLA LIONETTO, MD

Unit of Pancreatic Surgery
G.B. Rossi Hospital
University of Verona Hospital Trust
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CURRENT POSITION

Ph.D. student with clinical privilege, University of Verona; research fellow, Verona Pancreas Institute

EDUCATION

- | | |
|-----------------|---|
| 10/2022-ongoing | Ph.D. student, 38 th cycle "Inflammation, Immunity and Cancer"
University of Verona
Supervisor: Prof. G. Malleo |
| 11/2018-11/2023 | General Surgery Residency program, University of Verona, Italy
Dissertation: "Reappraising The Role Of Intraoperative Neck Margin Extension In Post-Neoadjuvant Pancreatectomy For Pancreatic Adenocarcinoma: A Multi-institutional Analysis."
Supervisor: Prof. R. Salvia; Co-supervisor: Prof. G. Malleo
70/70 (cum laude) |
| 09/2011-10/2017 | Licensed Medical Doctor
Italian National Examination for the License of Medical Practice
Faculty of Medicine and Surgery, University of Pavia |
| 09/2011-10/2017 | Doctor in Medicine and Surgery (MD equivalent), University of Pavia, Italy
Dissertation: "The role of surgery in the treatment of hepatic Cystic Echinococcosis: surgical techniques and analysis of data from a reference center."
Supervisor: Prof. P. Dionigi; Co-supervisor: Dr. M. Maestri
110/110 (summa cum laude and honors) |
| 09/2006-07/2011 | Diploma Liceo Classico, Liceo Classico F. Capece, Maglie (LE)
100/100 (cum laude) |

PROFESSIONAL EXPERIENCE

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| 01/2024-ongoing | Sub-investigator TRIPP-FFX Oncosil trial (PI. Prof. Malleo, Prof. Milella)
NCT05466799 "An open-label, multi-centre, randomized study of Targeted Intratumoural Placement of Phosphorous-32 (OncoSil™) in addition to FOLFIRINOX chemotherapy versus FOLFIRINOX chemotherapy alone in patients with unresectable locally advanced pancreatic adenocarcinoma." |
| 11/2021-11/2022 | Post-doctoral research fellowship in HPB Surgery and Cancer Immunology
Ferrone Lab (P.I. Prof. C. R. Ferrone & Prof. S. Ferrone)
Massachusetts General Hospital/Harvard Medical School, Boston, USA |

- Experience: clinical data collection and analysis, grant writing, CAR T and cancer cell culture, flow cytometry, immunohistochemistry, lentiviral transduction, surgical specimens processing, intrahepatic cholangiocarcinoma and pancreatic cancer mice models (rodent anesthesia, orthotopic injection; spleen injection/tail vein/peritoneal injection, facial bleeding), implementation of a micrometastatic post-resection pancreatic cancer model.
- 06/2021-ongoing Sub-investigator PACT-21CASSANDRA trial (PI. Prof. Reni)
NCT04793932 "A randomized phase II trial of short-course versus long-course pre-operative chemotherapy with mFOLFIRINOX or PAXG regimen for stage I-III pancreatic ductal adenocarcinoma (PDAC)."
- 01/2021-06/2021 Advanced course on Ultrasound, Scuola SIUMB, University of Verona, Italy
- 05/2017-06/2017 Clinical clerkship at HPB and Transplantation Surgery Department, CHUM University of Montréal, CA
Supervisor: Prof. R. Lapointe [REDACTED]
Chief, Dept of Surgery, University of Montréal, Canada
- 08/2015-09/2016 Exchange student program (ERASMUS) at University of Paris 5 Descartes, Paris, France

Clinical clerkships: 10/15-01/16: Neurosurgery (Hôpital Necker-Enfants Malades); 01/16- 04/16: Emergency Department (Hôpital Saint-Joseph); 04/16-06/16: General Surgery (Hôpital Européen George Pompidou); 06/16-09/16 Gynecological Surgery (Hôpital Européen George Pompidou) with night shift in Obstetrics (Hôpital Necker-Enfants Malades); 08/16: Infectious Diseases (Hôpital Necker-Enfants Malades).
- 09/2014-05/2018 Research lab assistant at Experimental Surgery Laboratory University of Pavia, Italy

Experience: performing surgery on animal models of kidney transplantation (rats), organ perfusion (swines) and traumatic injuries (swines). Assisting during the practical session of the ATOM course.

PUBLICATIONS

ORCID: <https://orcid.org/0000-0003-4635-3680>

*Malleo, G., *Lionetto, G., Crippa, S., Qadan, M., Moser, G., Belfiori, G., Scarpa, A., Schiavo-Lena, M., Casciani, F., Mattiolo, P., Paiella, S., Luchini, C., Ferrone, C. R., Lillemoe, K. D., Fernández-Del Castillo, C., Falconi, M., Salvia, R. Reappraising the role of intraoperative neck margin revision in post-neoadjuvant pancreatoduodenectomy for pancreatic ductal adenocarcinoma: a multi-institutional analysis. Submitted (under review) **share first authorship*

Malleo, G., Casciani, F., Lionetto, G., Esposito, A., Binco, A., Solinas, D., De Pastena, M., Pea, A., Paiella, S., & Salvia, R. (2024). Resection to Exploration Ratios and Associated Outcomes in Patients with Pancreatic Ductal Adenocarcinoma. *Ann Surg*. <https://doi.org/10.1097/SLA.0000000000006197>

Paiella, S., Malleo, G., Lionetto, G., Cattelani, A., Casciani, F., Secchettin, E., De Pastena, M., Bassi, C., & Salvia, R. (2024). Adjuvant Therapy After Upfront Resection of Resectable Pancreatic Cancer: Patterns of Omission and Use-A Prospective Real-Life Study. *Ann Surg Oncol*. <https://doi.org/10.1245/s10434-024-14951-4>

- Paiella, S., Secchettin, E., **Lionetto, G.**, Archibugi, L., Azzolina, D., Casciani, F., Simeone, D. M., Overbeek, K. A., Goggins, M., Farrell, J., Ponz de Leon Pisani, R., Tridenti, M., Corciulo, M. A., Malleo, G., Arcidiacono, P. G., Falconi, M., Gregori, D., Bassi, C., Salvia, R., & Capurso, G. (2024). Surveillance of Individuals at High Risk of Developing Pancreatic Cancer: A Prevalence Meta-analysis to Estimate the Rate of Low-yield Surgery. *Ann Surg*, 279(1), 37-44. <https://doi.org/10.1097/SLA.0000000000006094>
- Cane, S., Barouni, R. M., Fabbi, M., Cuozzo, J., Fracasso, G., Adamo, A., Ugel, S., Trovato, R., De Sanctis, F., Giacca, M., Lawlor, R., Scarpa, A., Rusev, B., **Lionetto, G.**, Paiella, S., Salvia, R., Bassi, C., Mandruzzato, S., Ferrini, S., & Bronte, V. (2023). Neutralization of NET-associated human ARG1 enhances cancer immunotherapy. *Sci Transl Med*, 15(687), eabq6221. <https://doi.org/10.1126/scitranslmed.abq6221>
- Crippa, S., Malleo, G., Langella, S., Ricci, C., Casciani, F., Belfiori, G., Galati, S., Ingaldi, C., **Lionetto, G.**, Ferrero, A., Casadei, R., Ercolani, G., Salvia, R., Falconi, M., & Cucchetti, A. (2023). Cure Probabilities After Resection Of Pancreatic Ductal Adenocarcinoma: A Multi-Institutional Analysis Of 2554 Patients. *Ann Surg*. <https://doi.org/10.1097/SLA.0000000000006166>
- Paiella, S., Capurso, G., Carrara, S., Secchettin, E., Casciani, F., Frigerio, I., Zerbi, A., Archibugi, L., Bonifacio, C., Malleo, G., Cavestro, G. M., Barile, M., Larghi, A., Assisi, D., Fantin, A., Milanetto, A. C., Fabbri, C., Casadei, R., Donato, G., . . . Falconi, M. (2023). Outcomes of a 3-year prospective surveillance in individuals at high-risk for pancreatic cancer. *Am J Gastroenterol*. <https://doi.org/10.14309/ajg.0000000000002546>
- Arya, S., Ventin, M., Nebbia, M., Fernandez-Del Castillo, C., **Lionetto, G.**, Qadan, M., Lillemoe, K. D., Deshpande, V., Catalano, O. A., Thiele, E. A., & Ferrone, C. R. (2023). Long-Term Outcomes of Tuberous Sclerosis Complex-Associated Non-functional Pancreatic Neuroendocrine Tumors: Should We Be More Conservative? *Ann Surg Oncol*, 30(12), 7748-7755. <https://doi.org/10.1245/s10434-023-14157-0>
- Maggino, L., Malleo, G., Crippa, S., Belfiori, G., Bannone, E., **Lionetto, G.**, Gasparini, G., Nobile, S., Luchini, C., Mattiolo, P., Schiavo-Lena, M., Doglioni, C., Scarpa, A., Ferrone, C., Bassi, C., Fernandez-Del Castillo, C., Falconi, M., & Salvia, R. (2023). Pathological staging in postneoadjuvant pancreatectomy for pancreatic cancer: implications for adjuvant therapy. *Br J Surg*, 110(8), 973-982. <https://doi.org/10.1093/bjs/znad146>
- Maggino, L., Malleo, G., Crippa, S., Belfiori, G., Nobile, S., Gasparini, G., **Lionetto, G.**, Luchini, C., Mattiolo, P., Schiavo-Lena, M., Doglioni, C., Scarpa, A., Bassi, C., Falconi, M., & Salvia, R. (2023b). CA19.9 Response and Tumor Size Predict Recurrence Following Post-neoadjuvant Pancreatectomy in Initially Resectable and Borderline Resectable Pancreatic Ductal Adenocarcinoma. *Ann Surg Oncol*, 30(1), 207-219. <https://doi.org/10.1245/s10434-022-12622-w>
- Maggino, L., Malleo, G., Crippa, S., Belfiori, G., Nobile, S., Gasparini, G., **Lionetto, G.**, Luchini, C., Mattiolo, P., Schiavo-Lena, M., Doglioni, C., Scarpa, A., Bassi, C., Falconi, M., & Salvia, R. (2023a). ASO Visual Abstract: Ca 19.9 Response and Tumor Size Predict Recurrence Following Post-neoadjuvant Pancreatectomy in Initially Resectable and Borderline Resectable Pancreatic Ductal Adenocarcinoma. *Ann Surg Oncol*, 30(1), 222-223. <https://doi.org/10.1245/s10434-022-12729-0>
- Malleo, G., Maggino, L., **Lionetto, G.**, Patton, A., Paiella, S., Pea, A., Esposito, A., Casetti, L., Luchini, C., Scarpa, A., Bassi, C., & Salvia, R. (2023). A dynamic analysis of empirical survival outcomes after pancreatectomy for pancreatic ductal adenocarcinoma. *Surgery*, 173(4), 1030-1038. <https://doi.org/10.1016/j.surg.2022.11.015>
- Malleo, G., Maggino, L., Casciani, F., **Lionetto, G.**, Nobile, S., Lazzarin, G., Paiella, S., Esposito, A., Capelli, P., Luchini, C., Scarpa, A., Bassi, C., & Salvia, R. (2022). Importance of Nodal Metastases Location in Pancreatoduodenectomy for Pancreatic Ductal Adenocarcinoma: Results from a Prospective, Lymphadenectomy Protocol. *Ann Surg Oncol*, 29(6), 3477-3488. <https://doi.org/10.1245/s10434-022-11417-3>
- Tuveri, M., Perri, G., Marinelli, V., **Lionetto, G.**, Addari, L., Cova, C., Del Piccolo, L., Salvia, R., & Bassi, C. (2022). The prognostic role of fatigue, depression and anxiety on postoperative outcomes after pancreatectomy for pancreatic cancer. A prospective observational study (FAT-PRO study). *Pancreatology*, 22(7), 1035-1040. <https://doi.org/10.1016/j.pan.2022.10.001>

Salvia, R., **Lionetto, G.**, Perri, G., Malleo, G., & Marchegiani, G. (2021). Total pancreatectomy and pancreatic fistula: friend or foe? *Updates Surg*, 73(4), 1231-1236. <https://doi.org/10.1007/s13304-021-01130-3>

Paiella, S., **Lionetto, G.**, & Salvia, R. (2021). Chyle Leak After Pancreatic Surgery. In K. Søreide & S. Stättner (Eds.), *Textbook of Pancreatic Cancer: Principles and Practice of Surgical Oncology* (pp. 1019-1029). Springer International Publishing. https://doi.org/10.1007/978-3-030-53786-9_66

Paiella, S., Casetti, L., Ewald, J., Marchese, U., D'Onofrio, M., Garnier, J., Landoni, L., Gilabert, M., Manzini, G., Esposito, A., Secchettin, E., Malleo, G., **Lionetto, G.**, De Pastena, M., Bassi, C., Delpero, J. R., Salvia, R., & Turrini, O. (2021). Laser Treatment of Pancreatic Cancer with Immunostimulating Interstitial Laser Thermotherapy Protocol: Safety and Feasibility Results From Two Phase 2a Studies. *J Surg Res*, 259, 1-7. <https://doi.org/10.1016/j.jss.2020.10.027>

Frigerio, I., Paiella, S., Barbi, E., Bianco, R., Boz, G., Butturini, G., Cantore, M., Cardarelli, N., Mirko, D., Fiorentini, G., Giardino, A., **Lionetto, G.**, Malleo, G., Mambrini, A., Milella, M., Passardi, A., Regi, P., Salvia, R., Scopelliti, F., . . . Girelli, R. (2021). Open radiofrequency ablation as upfront treatment for locally advanced pancreatic cancer: Requiem from a randomized controlled trial. *Pancreatology*, 21(7), 1342-1348. <https://doi.org/10.1016/j.pan.2021.06.005>

CONFERENCES & SEMINARS

1. Speaker at Digestive Disease Week, DDW 2023 in Chicago, IL (6-9 May, 2023). Presentations: 1. "Clinico-morphological correlation of resected pancreatic ductal adenocarcinoma after neoadjuvant treatment."; 2. "Impact of Liver Cirrhosis on Surgical Complications, Time to Recurrence, and Overall Survival Following Resection of Pancreatic Ductal Adenocarcinoma: A Propensity-Matched Study."
2. Invited Speaker at the conference "Tumori Ereditari: dai geni alle sindromi endocrine multiple. Tumori neuroendocirni e melanoma familiare", held at Istituto Oncologico Veneto, Padova, Italy (19 May, 2023). Presentation: "Melanoma and Pancreatic Carcinoma"
3. Speaker at the 15th Biennial Congress of the European-African Hepato-Pancreato-Biliary Association, EA-HPBA 2023 in Lyon, France (6-9 June, 2023). Presentations: 1. "Failure to adjuvant therapy after pancreatic resection for pancreatic cancer (the fountain study): a real-world contemporary analysis"; 2. "The interplay between preoperative anemia, intraoperative blood loss and transfusions in pancreatoduodenectomy: a question unresolved"; 3. "Clinico-morphological correlation of resected pancreatic ductal adenocarcinoma after neoadjuvant treatment".
4. Participant at the IOUS Workshop – BK Medical, held during EA-HPBA 2023 in Lyon, France (7 June, 2023)
5. Speaker at the 34th World Congress of the International Association of Surgeons, Gastroenterologists and Oncologists, IASGO 2023 in Verona, Italy (09-12 September, 2023). Presentation: "Clinico-morphological correlation of resected pancreatic ductal adenocarcinoma after neoadjuvant treatment".
6. Invited Participant to the Liver Intraoperative Ultrasound Course, Gemelli Training Center, Rome, Italy (19-20 December, 2023).

TEACHING & STUDENT ASSISTANTSHIPS

12/2023-ongoing	Tutoring, 3 rd year Medical students, University of Verona (hands-on course on surgical sutures and basic procedures)
11/2022-11/2023	Member (student representative) of the General Surgery Program board, University of Verona

01/2022-ongoing

Tutoring (incl. co-supervision) of 6th year Medical students, University of Verona
(dissertation design, analysis, and writing)

VOLUNTARY WORK

2017 – 2018 Member of “Ambulatorio Stranieri”, Policlinico San Matteo, Pavia, Italy
(offering primary care and assisting refugees with bureaucratic tasks and accessing healthcare coverage)

LANGUAGES

Italian (native)
English (full professional knowledge)
French (full professional knowledge)
German (basic knowledge)
Spanish (basic knowledge)

MEMBERSHIPS

IHPBA & EA-HPBA
AICEP (Italian Association of HPB Surgery)
AISP (Italian Association of Pancreatology)
SIUMB (Italian Society of Ultrasound)
SSAT

REFERENCES

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Chair, Pancreatic Surgery Unit, University of Verona Hospital Trust
Professor of Surgery, University of Verona

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Pancreatic Surgery Unit, University of Verona Hospital Trust
Professor of Surgery, University of Verona

[REDACTED]
Chair, Dept of Surgery, Cedars-Sinai Medical Center
Professor of Surgery, Cedars-Sinai Medical Center

[REDACTED]
Coordinator of the PhD Course in “Inflammation, Immunity and Cancer”
Professor of Surgery, Harvard Medical School

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Verona, 29/04/2024

