

# Curriculum Vitae

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## Personal information

First name/Surname	<b>Elena Colombo</b>
E-mail	<a href="mailto:elena.colombo@istitutotumori.mi.it">elena.colombo@istitutotumori.mi.it</a>
Nationality	Italian
Date of birth / CF	26 May 1985 / CLMLNE85E66L483C
Gender	Female
Medical Doctor	Ordine dei Medici Chirurghi e Odontoiatri di Milano - n. 44483 (since 22 February 2016) Member of the European Society of Medical Oncology - ID: 531336 Member of the American Society of Clinical Oncology - ID: 721733 Member of the European Neuroendocrine Tumor Society – ID: 23047
ORCID ID	0000-0003-3132-844X

## Work Experience

Date	November 2021 – present
Principal occupational skills covered	<b>Medical Oncologist</b> <ul style="list-style-type: none"><li>- Outpatient and inpatient clinical care, clinical trials, translational research focused on head and neck, thyroid, salivary gland and non-melanoma skin cancers</li><li>- Responsible for thyroid and head and neck tumors in the Molecular Tumor Board</li></ul>
Name and type of organisation	Head and Neck Medical Oncology Unit Fondazione IRCCS Istituto Nazionale dei Tumori, Milan – Italy

## Education and Training

Date	November 2021
Title	<b>ESMO Examination Certificate</b>
Name and type of organisation	European Society of Medical Oncology
Date	November 2021
Title	<b>Specialization in Medical Oncology</b> – University of Milan (110/110) Dissertation title: “Dissecting the Anaplastic Thyroid Carcinoma by seriated liquid biopsies, Next Generation Sequencing and PD-L1 expression: results of the INT 139-20 pilot study” Relator: Prof. Lisa Licitra. Co-relator: Prof. Laura D. Locati
Date	November 2016 – October 2021

### Residency in Medical Oncology

Principal occupational skills covered	Residency Program – Department of Medical Oncology Inpatient and outpatient clinical activity, clinical trials and research especially focused on head & neck cancers, thyroid, non-melanoma skin cancers and neuroendocrine tumors (ENETS CoE)
Name and type of organisation providing education and training	Fondazione IRCCS Istituto Nazionale dei Tumori, Milan University of Milan, Italy
Dates	October 2009 – 19 October 2015
Title of qualification	<b>M.D. – Degree in Medicine and Surgery</b> (110/110 <i>cum laude</i> )
Principal occupational skills covered	Clinical practice and medical research. Dissertation project based at the Centre of Genodermatoses and Genetic Skin Disorders, IRCCS Ca' Granda Ospedale Maggiore Policlinico, Milan. Thesis title: "Study of the X-linked Pigmentary Reticulated Disorder genetic profile: from the intronic mutation of the DNA polymerase alpha gene to the development of the clinical phenotype"
Name and type of organisation providing education and training	University of Milan, Italy

### Internships

Dates	July 2015
Occupation or position held	Pediatric and Pediatric Surgery Unit
Name of the employer	EOC - Ospedale Regionale di Bellinzona e Valli Bellinzona (Switzerland)
Dates	August 2015
Occupation or position held	Dermatology and Venereology Unit
Name of the employer	EOC - Ospedale Regionale di Bellinzona e Valli Bellinzona (Switzerland)
Dates	September 2015
Occupation or position held	Emergency Room, Surgery and Wound Management Unit
Name of the employer	EOC - Ospedale Regionale di Mendrisio Mendrisio (Switzerland)

### Previous education

Dates	September 2007 – July 2009
Title of qualification awarded	M.Phil. – Master Degree in Contemporary Philosophy (110/110 <i>cum laude</i> )
Principal subjects covered	Phenomenology, Logics, Philosophy of Science
Name and type of organisation providing education and training	UCSC – Università Cattolica del Sacro Cuore – Milan, Italy

Dates	September 2004 – July 2007
Title of qualification awarded	B.Phil. – Bachelor in Philosophy (110/110 <i>cum laude</i> )
Principal subjects covered	History of Philosophy, Ethics and Anthropology
Name and type of organisation providing education and training	UCSC – Università Cattolica del Sacro Cuore – Milan, Italy

**Personal skills and competences**

Mother tongue

Other languages

Self-assessment

European level (\*)

**English**

**French**

**Italian**

**English, French**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user
B2	intermediate	B2	intermediate	A2	Elementary	A2	Elementary	A2	Elementary

(\*) *Common European Framework of Reference for Languages*

Social skills and competences

- Strong team-work attitude, sharing competences and learning across different disciplinary fields within international and multicultural environments
- Critical thinking skills and ability to communicate effectively

Computer skills and competences

- Researching and retrieving medical data and information effectively across multiple medical and scientific databases
- Scientific writing

**Medical Publications**

Articles

L.D. Locati, **E. Colombo**, M. Dedecjus, C. de la Fouchardière, M. Bongiovanni, R. Netea-Maier, Current picture of Anaplastic Thyroid Cancer patients' care and meetable needs: A survey of 94 institutions from the EORTC Endocrine and Head and Neck Cancer Groups. *European Journal of Cancer (in press)*

**Colombo E**, Ottini A, Licitra L. Oligometastatic disease from differentiated thyroid cancer: best treatment schemes. *Current Opinion in Oncology*: January 2023 - Volume 35 - Issue 1 - p 15-21 doi: 10.1097/CCO.0000000000000921

**Colombo E**, Van Lierde C, Zlate A, Jensen A, Gatta G, Didonè F, Licitra LF, Grégoire V, Vander Poorten V and Locati LD (2022) Salivary gland cancers in elderly patients: challenges and therapeutic strategies. *Front. Oncol.* 12:1032471. doi: 10.3389/fonc.2022.1032471

Pellegrini I, Quattrone P, Dagrada G, Vischioni B, Orlandi E, **Colombo E**, Licitra L, Locati LD. NR4A3 fusion molecular profile change pathological diagnosis? A case report. *Oral Oncol.* 2022 Aug;131:105964. doi: 10.1016/j.oraloncology.2022.105964. Epub 2022 Jun 19. PMID: 35732102

Fucà G, Lecchi M, Ciniselli CM, Ottini A, Spagnoletti A, Mazzeo L, Morelli D, Frati P, Stroschia M, Ebrahim E, Sottotetti E, Galli G, D'Elia MG, Lobefaro R, Ducceschi M, Di Guardo L, Bhoori S, Provenzano S, Platania M, Niger M, **Colombo E**, Nichetti F, Duca M, Rivoltini L, Mortarini R, Baili P, Apolone G, de Braud F, Verderio P, Damian S. Efficacy of mRNA anti-SARS-CoV-2 vaccination and dynamics of humoral immune response in patients with solid tumors: results

from the institutional registry of an Italian tertiary cancer center. *Ther Adv Med Oncol.* 2022 Jul 27;14:17588359221108687. doi: 10.1177/17588359221108687. PMID: 35923922; PMCID: PMC9340426.

Economopoulou P, Pantazopoulos A, Spathis A, Kotsantis I, Kyriazoglou A, Kavourakis G, Zakopoulou R, Chatzidakis I, Anastasiou M, Prevezanou M, Resteghini C, Licitra L, Bergamini C, **Colombo E**, Caspani F, Denaro N, Vecchio S, Bonomo P, Cossu Rocca M, Bertolini F, Ferrari D, Psyri A, Bossi P. Immunotherapy in Nonendemic Nasopharyngeal Carcinoma: Real-World Data from Two Nonendemic Regions. *Cells.* (2021)

Locati LD, Cavalieri S, Bergamini C, Resteghini C, **Colombo E**, Calareso G, Mariani L, Quattrone P, Alfieri S, Bossi P, Platini F, Capone I, Licitra L., Abiraterone Acetate in Patients With Castration-Resistant, Androgen Receptor-Expressing Salivary Gland Cancer: A Phase II Trial, *Journal of Clinical Oncology* (2021)

Cavalieri S, **Colombo E**, Bottiglieri A, Massa G, Platini F, Ottini A, Filippini DM, Zattarin E, Bergamini C, Resteghini C, Alfieri S, Di Martino V, Tiraferri V, Locati LD, Licitra L. Monitoring patients with head and neck cancer for flu-like symptoms during the COVID-19 pandemic, *Tumori Journal* (2021)

Platini F, Cavalieri S, Alfieri S, Bergamini C, Resteghini C, Bottiglieri A, **Colombo E**, Mazzeo L, Licitra L, Paolini B, Seregini E, Locati LD. Late toxicities burden in patients with radioiodine-refractory differentiated thyroid cancer treated with lenvatinib. *Endocrine* (2021)

Prinzi N, Rossi RE, Proto C, Leuzzi G, Raimondi A, Torchio M, Milione M, Corti F, **Colombo E**, Prisciandaro M, Cascella T, Spreafico C, Beninato T, Coppa J, Lo Russo G, Di Bartolomeo M, de Braud F, Pusceddu S., Recent advances in the management of typical and atypical lung carcinoids, *Clinical Lung Cancer* (2021)

Pusceddu S, Rossi RE, Torchio M, Prinzi N, Niger M, Coppa J, Giacomelli L, Sacco R, Facciorusso A, Corti F, Raimondi A, Prisciandaro M, **Colombo E**, Beninato T, Del Vecchio M, Milione M, Di Bartolomeo M, de Braud F, Differential Diagnosis and Management of Diarrhea in Patients with Neuroendocrine Tumors, *Journal of clinical medicine* (2020)

Pusceddu S, Vernieri C, Prinzi N, Torchio M, Coppa J, Antista M, Niger M, Milione M, Giacomelli L, Corti F, Prisciandaro M, Monteleone M, **Colombo E**, Di Bartolomeo M, de Braud FG, The potential role of metformin in the treatment of patients with pancreatic neuroendocrine tumors: a review of preclinical to clinical evidence, *Therapeutic Advances in Gastroenterology* (2020)

Francini E, Ou FS, Lazzi S, Petrioli R, Multari AG, Pesola G, Messuti L, **Colombo E**, Livellara V, Bazzurri S, Cherri S, Miano ST, Wolfe EG, Alberts SR, Hubbard JM, Yoon HH, Francini G, The prognostic value of CD3+ tumor-infiltrating lymphocytes for stage II colon cancer according to use of adjuvant chemotherapy: a large single-institution cohort study, *Translational Oncology* (2021)

Oral Presentations

**24<sup>th</sup> National Congress of the Italian Association of Medical Oncology (AIOM).**

**Colombo E.**, Ottini A., Caspani F., Bergamini C., Resteghini C., Alfieri S., Cavalieri S., Nuzzolese I., Duca M., Paolini B., Vingiani A., Tamborini E., Perrone F., Pruner G., Locati L.D., Licitra L. Sequential molecular profiling of advanced thyroid cancers for precision oncology: flowchart from an Italian referral center. (Abs n. E04\*) *Tumori Journal* (p.111 – Vol. 108)

Posters

**Alleanza Contro il Cancro 7th Annual Meeting.**

**Colombo E**, Pistore, L.De Cecco, L.Licitra. RADECISION: A three-clusters gene-expression landscape in cervical carcinoma to predict radiosensitivity. Rome, September 21-23 2022

**23<sup>rd</sup> National Congress of the Italian Association of Medical Oncology (AIOM).** **Colombo E.**, Cavalieri S., Caspani F., Margherita A., Fotia G., Leporati R., Pellegrini I., Pircher C.C., Locati L.D., Bergamini C., Lombardo R., Nuzzolese I., Frisardi L., Parasole I., Licitra L.F., Resteghini

	<p>C, Toxicity profiles in a real-world cohort of head and neck cancer patients treated with nivolumab 240 mg every 14 days and/or 480 mg every 28 days during the COVID-19 pandemic, <i>Tumori Journal</i> (p.116 – Vol. 107)</p>
<p>Abstracts</p>	<p><b>ESMO Annual Meeting 2021 abs. 1754P.</b> L.D. Locati, <b>E. Colombo</b>, M. Dedecjus, C. de la Fouchardière, M. Bongiovanni, R. Netea-Maier, Current picture of Anaplastic Thyroid Cancer patients' care and meetable needs: A survey of 94 institutions from the EORTC Endocrine and Head and Neck Cancer Groups, <i>Annals of Oncology</i> (Volume 32, Supplement 5, S1208)</p> <p><b>ASCO Annual Meeting 2021</b>, Valentina Corino, <b>Elena Colombo</b>, Marco Bologna, Giuseppina Calareso, Luca Mainardi, Stefano Cavalieri, Daria Maria Filippini, Carlo Resteghini, Cristiana Bergamini, Lisa F. Licitra, Laura Deborah Locati, Radiomics-based prediction of response to multikinase inhibitors in radioiodine-refractory differentiated thyroid cancer patients <i>Journal of Clinical Oncology</i> (pag. no. 15_suppl poster 6077)</p>
<p>Abstract oral presentation</p>	<p><b>European Neuroendocrine Tumor Society, ENETS 2021 Congress (#3246):</b> Colombo E, Manca P, Prinzi N, Torchio M, M, Corti F, Milione M, Garassino MC, C. Proto, M. Platania, de Braud FG, Lo Russo G, Pusceddu S, Baseline albumin and neutrophil-to-lymphocyte ratio as predictive biomarkers of response to platinum-based therapy in patients with highly proliferative neuroendocrine carcinomas</p> <p><b>ESMO 2020 (#4379):</b> Torchio M, Prinzi, Manca P, Corti F, Colombo E, Cattaneo L, Milione M, Bedini N, Maurichi A, Mattavelli I, Patuzzo R, Coppa J, Platania M, Di Bartolomeo M, de Braud F, Pusceddu S, Baseline neutrophil-lymphocyte ratio and its variations after adjuvant radiotherapy predict clinical survival outcomes in locally advanced Merkel cell carcinoma (MCC)</p> <p><b>ASCO 2020 (# e15543):</b> Colombo E, Manca P, Bini M, Bottiglieri A, Massa G, Prinzi N, Torchio M, Niger M, Corti F, Prisciandaro M, Zattarin E, Proto C, Garassino MC, Milione M, Cattaneo L, Di Bartolomeo M, Platania M, de Braud FG, Lo Russo G, Pusceddu S, Combined use of albumin and neutrophil-to-lymphocyte ratio as new prognostic and predictive factor in patients with poorly differentiated neuroendocrine carcinomas</p> <p><b>VII Congresso nazionale ITANET (28/11/2020).</b> Colombo E. et al., <b>Albumina e rapporto neutrofili/linfociti come fattori predittivi e prognostici nel trattamento di prima linea per carcinomi neuroendocrini a elevato indice proliferativo</b></p>
<p>Congresses (Faculty)</p>	<p>14 June 2021 – COMU (Collegio Oncologi Medici Universitari) sintetizza e commenta ASCO 2021 - Tumori della testa e del collo: Nuove strategie all'orizzonte</p> <p>17/01/2021 – 5th ESO-ESMO-RCE Clinical update on RARE ADULT SOLID CANCERS - Endocrine Gland Tumors clinical case discussion</p> <p>30/01/2022 – 6th ESO-ESMO-RCE Clinical update on RARE ADULT SOLID CANCERS - Endocrine Gland Tumors clinical case discussion</p>
<p>Protocols</p>	<p>PI: Licitra L, Co-PI: <b>Colombo E</b>, Resteghini C, Platini F, Analysis of clinical-pathological features and response to treatments in an international cohort of patients affected by NUTM1-rearranged carcinomas: an international multicentric retrospective observational study</p>
<p>Books</p>	<p>Collaboration to the <i>Atlas of Genodermatoses – second edition</i>, Tadini G, Brena M, Pezzani L, Gelmetti CM, Taylor &amp; Francis, London (2015)</p>