

## PERSONAL INFORMATION

**Cecilia Taverna**

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Date of birth 18/08/1988 | Nationality Italian

## WORK EXPERIENCES

September 2023 - ongoing

**Teaching position at Oriental Piedmont University**

Histopathological techniques - 20 hours - 2 CFU  
Health sciences department

March 2022 - ongoing

**Surgical pathology consultant**

Surgical Pathology unit  
Local Hospital Novi Ligure, Alessandria, Italy  
Focus on breast pathology

March 2020 – March 2022

**Surgical pathology consultant**

Surgical Pathology department, Pisa, Italy  
Focus on breast and head and neck pathology

## EDUCATION AND TRAINING

Jan 2015 – Jan 2020

**Residency in Anatomic Pathology**

Division of Pathological Anatomy, Department of Surgery and Translational Medicine, University of Florence. Florence, Italy

Final Grade 70/70 cum laude

Oct. 2008 – Jul 2013

**Degree in Medicine and Surgery**

University of Pavia.

Final grade: 110/110 cum laude.

Sep. 2002 – Jul. 2007

**Maturità Classica**

Liceo Classico "G. Peano", Viale Vittorio Veneto 3, 15057 Tortona (AL)

Final grade: 100/100 cum laude

ADDITIONAL INFORMATION

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## Fellowship

November 2018- January 2019: 3 months fellowship with focus on breast pathology, pathology of the female tract and soft tissue pathology. Surgical Pathology department, Pisa, Italy (Tutors: Professor Alessandro Franchi, Professor Antonio Giuseppe Naccarato, Dott. Cristian Scatena)

February 2019 – July 2019: 6 months fellowship with focus on Head and Neck pathology. Surgical pathology Department, Erlangen, Germany (Tutor: Professor Abbas Agaimy)

September 2019- January 2020: 6 months fellowship with focus on breast pathology, soft tissue pathology and finalization of head and neck projects started during Erlangen fellowship.. Surgical Pathology department, Pisa, Italy (Tutors: Professor Alessandro Franchi, Professor Antonio Giuseppe Naccarato, Dott. Cristian Scatena)

December 2020: two weeks training on breast cytopathology, with focus on cytological.histological correlations and Rapid onsite evaluation (ROSE) of breast cytological sampling - university of Trieste, surgical pathology unit - tutor: Professor Fabrizio Zanconati

## Other

Member of the European society of pathology from 2018 with membership in the following working groups:

*Breast Pathology*

*Digestive Diseases*

*Digital and Computational Pathology*

*Head and Neck*

Winner of "Premio n.1/2022 - SiaPeC Case Report Award 2022 - Breast edition" with the following paper "Not all that glitters is gold – HER2 in a case of metaplastic breast carcinoma with heterologous mesenchymal differentiation "

Winner of call for proposal from Fondazione cassa di risparmio di Alessandria 2023 with the following project "Studio dell'espressione delle nectine (1,2,3 e 4) nei tumori solidi della casistica ASL AL"

Finalist in "Premio di ricerca "Daniele Rosa" medicina Edizione 2024" with the following research "RANK and RANK ligand expression in male breast: from benign to cancer " "Espressione di RANK e RANK ligando (RANK-L) nella mammella maschile: dalla neoplasia benigna a quella tumorale"

Finalist in "Premio di ricerca "Daniele Rosa" medicina Edizione 2025" with the following research "Espressione immunohistochimica dei recettori dei folati (folr1, folr2, folr3) in una casistica di tumori solidi asl: nuove frontiere nella diagnosi e terapia target"

Winner of " 8° Masterclass Senonetwork - "Dalla Prevenzione alla Cura del Carcinoma Mammario in un Centro di Senologia" - Viagrande (CT), 12 - 15 novembre 2025

Reviewer for MDPI journal from 2023 - ongoing

Tutor of biology students from 2022 with the following thesis projects:

- *Tumori dei tessuti molli superficiali con caratteristiche aneurismatiche: studio morfologico ed immunohistochimico*
- *Espressione delle mucine muc1, muc2, muc4, muc5ac e muc6 in un caso di cistoadenocarcinoma mucinoso della mammella: confronto con un gruppo di carcinomi mucinosi mammari*
- *Valutazione dell'espressione delle nectine in una casistica di carcinomi del colon con metastasi epatiche dell'ASLAL*
- *Valutazione dell'espressione delle nectine 1, 2, 3, 4 in una casistica di carcinomi endometriali dell'aslal*
- *Invasione perineurale nel tumore della mammella: implicazioni clinico-patologiche*

## Publications

Project participant in: *Mane E, Cursano G, Venetis K, Frascarelli C, Pepe F, Nacchio M, Palumbo L, Pisapia P, De Camilli E, Castellano I, Cerbelli B, Costarelli L, d'Amati G, Rizzo A, Santinelli A, Scatena C, Criscitiello C, De Angelis C, Dieci MV, Troncone G, Curigliano G, Viale G, Guerini-Rocco E, Malapelle U, Fusco N; PIK3CA in breast cancer GIPaM/PMMP cooperative group. PIK3CA testing in HR+/HER2- metastatic breast cancer: assessing pathology laboratories capacity and needs. Pathologica. 2025 Dec;117(6):571-579. doi: 10.32074/1591-951X-1603. PMID: 41954342; PMCID: PMC13094337.*

Öttl M, Steenpass J, Wilm F, Qiu J, Rübner M, Lang-Schwarz C, Taverna C, Tava F, Hartmann A, Huebner H, Beckmann MW, Fasching PA, Maier A, Erber R, Breininger K. Fully automatic HER2 tissue segmentation for interpretable HER2 scoring. *J Pathol Inform.* 2025 Mar 18;17:100435. doi: 10.1016/j.jpi.2025.100435. PMID: 40236564; PMCID: PMC11999220.

Cozzi S, Finocchi Gheri S, Tava F, Bardoscia L, Najafi M, Ruggieri MP, Serre AA, Roukoz C, Gutierrez Miguelez C, Lazrek A, Sardaro A, Taverna C. Radiation-Associated Angiosarcoma of the Breast: The State of the Art of a Rare and Aggressive Disease. *J Pers Med.* 2024 Aug 14;14(8):859. doi: 10.3390/jpm14080859.

Taverna C, Franchi A. Role of Surgical Pathologist for Detection of Immunooncologic Predictive Factors in Head and Neck Cancer. *Adv Anat Pathol.* 2023 May 1;30(3):167-173. doi: 10.1097/PAP.0000000000000374. Epub 2022 Sep 29. PMID: 36175939.

Taverna C, Agaimy A, Franchi A. MDM2 is a useful diagnostic marker for nasopharyngeal carcinoma. *Pathol Res Pract.* 2022 Aug;236:153978. doi: 10.1016/j.prp.2022.153978. Epub 2022 Jun 11. PMID: 35714490.

Taverna C, Agaimy A, Franchi A. Towards a Molecular Classification of Sinonasal Carcinomas: Clinical Implications and Opportunities. *Cancers (Base).* 2022 Mar 12;14(6):1463. doi: 10.3390/cancers14061463. PMID: 35326613; PMCID: PMC8946109.

Taverna C, Pollastri F, Pecci R, Giannoni B, Fattorini C, Santucci M, Mueller SK, Stoehr R, Franchi A, Agaimy A. Papillary-cystic neoplasms of the middle ear are distinct from endolymphatic sac tumours. *Histopathology.* 2020 Sep 17. doi: 10.1111/his.14250.

Federica Pollastri, Rudi Pecci, Elisa Pellegrini, Paolo Vannucchi, Cecilia Taverna, Beatrice Giannoni, Late onset middle ear neuroendocrine tumor presenting with distant metastasis, *Otolaryngology Case Reports*, Volume 19, 2021, 100289, ISSN 2468-5488

Taverna C, Baněčková M, Lorenzon M, Palomba A, Franchi A, Skalova A, Agaimy A. MUC4 is a valuable marker for distinguishing secretory carcinoma of the salivary glands from its mimics. *Histopathology.* 2020 Sep 15. doi: 10.1111/his.14251.

Pietragalla M, Nardi C, Bonasera L, Mungai F, Verrone GB, Calistri L, Taverna C, Novelli L, Locatello LG, Mannelli G, Gallo O, Miele V. Current role of computed tomography imaging in the evaluation of cartilage invasion by laryngeal carcinoma. *Radiol Med.* 2020 Dec;125(12):1301-1310. doi: 10.1007/s11547-020-01213-y.

Locatello LG, Bruno C, Pietragalla M, Taverna C, Novelli L, Nardi C, Bonasera L, Cannaviccini A, Maggiore G, Gallo O. A critical evaluation of computed tomography-derived depth of invasion in the preoperative assessment of oral cancer staging. *Oral Oncol.* 2020 Aug;107:104749. doi: 10.1016/j.oraloncology.2020.104749.

Martinese L, Vignini E, Carrassa G, Taverna C, Valente S, Baldasseroni S, Pradella S, Sciagrà R, Olivotto I. [Ventricular storm in a young man with primary hypokinetic dilated cardiomyopathy: why thinking of sarcoidosis?]. *G Ital Cardiol*

(Rome). 2019 Jun;20(6):392-395.

Comini LV, Lazio MS, Taverna C, Luparello P, Maggiore G, Martelli F, Novelli L, Santoro GP. A new, easy, and swift technique for minor salivary gland biopsy in Sjögren's syndrome. *Laryngoscope*. 2019 Jun 4. doi: 10.1002/lary.28094.

Taverna C, Maggiore G, Cannavici A, Bonomo P, Santucci M, Franchi A. Immunohistochemical profiling of mucins in sinonasal adenocarcinomas. *Pathol Res Pract*. 2019 May 4:152439. doi: 10.1016/j.prp.2019.152439.

Rosa I, Taverna C, Novelli L, Marini M, Ibba-Manneschi L, Manetti M. Telocytes constitute a widespread interstitial meshwork in the lamina propria and underlying striated muscle of human tongue. *Sci Rep*. 2019 Apr 10;9(1):5858. doi: 10.1038/s41598-019-42415-3

Lazio MS, Vallin A, Giannini C, Taverna C, Maggiore G, Saraceno MS, Gallo O. Phonosurgical Resection Using Submucosal Infusion Technique for Early Glottic Lesions: Diagnostic and Therapeutic Procedure? *Ann Otol Rhinol Laryngol*. 2018 Dec 14:3489418819544. doi: 10.1177/0003489418819544. [Epub ahead of print] PubMed PMID: 30547680.

Locatello LG, De Cesare JM, Taverna C, Gallo O. Primary parapharyngeal leiomyosarcoma: A case report. *Ear Nose Throat J*. 2018 Oct-Nov;97(10-11):E28-E31. PubMed PMID: 30481852.

Locatello LG, Pietragalla M, Taverna C, Bonasera L, Massi D, Mannelli G. A Critical Reappraisal of Primary and Recurrent Advanced Laryngeal Cancer Staging. *Ann Otol Rhinol Laryngol*. 2018 Oct 26:3489418806915. doi: 10.1177/0003489418806915. [Epub ahead of print] PubMed PMID: 30360641.

Czapiewski P, Kunc M, Gorczyński A, Haybaeck J, Okoń K, Reszec J, Lewczuk A, Dzierzanowski J, Karczewska J, Biernat W, Turri-Zanoni M, Castelnuovo P, Taverna C, Franchi A, La Rosa S, Sessa F, Klöppel G. Frequent expression of somatostatin receptor 2a in olfactory neuroblastomas: a new and distinctive feature. *Hum Pathol*. 2018 Sep;79:144-150. doi: 10.1016/j.humpath.2018.05.013. Epub 2018 May 25. PubMed PMID: 29807052.

Franchi A, Taverna C, Simoni A, Pepi M, Mannelli G, Fasolati M, Gallo O. RANK and RANK Ligand Expression in Parotid Gland Carcinomas. *Appl Immunohistochem Mol Morphol*. 2018 Aug;26(7):478-482. doi: 10.1097/PAI.0000000000000465. PubMed PMID: 29494398.

Innocenti A, Ciancio F, Taverna C, Tanini S, Portincasa A, Parisi D, Innocenti M, De Giorgi V. Claw foot A case report. *Ann Ital Chir*. 2017;88:368-370. Review. PubMed PMID: 28632148.

Innocenti A, Innocenti M, Taverna C, Melita D, Mori F, Ciancio F, De Giorgi V, Parronchi P, Vultaggio A, Matucci A. Miescher's cheilitis: Surgical management and long term outcome of an extremely severe case. *Int J Surg Case Rep*. 2017;31:241-244. doi: 10.1016/j.ijscr.2017.01.062. Epub 2017 Jan 30. PubMed PMID: 28192771; PubMed Central PMCID: PMC5310141.

## Book chapters

Alessandro Franchi and Cecilia Taverna. Tumor-Like Lesions of Sinonasal Tract (Page 79-91) in Atlas of Sinonasal Tract Pathology Deepali Jain, Justin A. Bishop, Springer Singapore, 2023

Taverna C., Franchi A. Spermatic Cord Deep Angiomyxoma. In: Encyclopedia of Pathology. Uro pathology. Raspollini MR, Lopez-Beltran A Eds. Springer, 2019

Taverna C., Franchi A. Epithelioid Hemangioendothelioma. In: Encyclopedia of Pathology. Uro pathology. Raspollini MR, Lopez-Beltran A Eds. Springer, 2019

Taverna C., Franchi A. Proliferative Funiculitis. In: Encyclopedia of Pathology. Uro pathology. Raspollini MR, Lopez-Beltran A Eds. Springer, 2019

Taverna C., Franchi A. Fournier's Gangrene. In: Encyclopedia of Pathology. Uro pathology. Raspollini MR, Lopez-Beltran A Eds. Springer, 2019

Taverna C., Franchi A. Glomus Tumor. In: Encyclopedia of Pathology. Uro pathology. Raspollini MR, Lopez-Beltran A Eds. Springer, 2019

Taverna C., Franchi A. Granular Cell Tumor. In: Encyclopedia of Pathology. Uro pathology. Raspollini MR, Lopez-Beltran A Eds. Springer, 2019

Taverna C., Franchi A. Kaposi Sarcoma. In: Encyclopedia of Pathology. Uro pathology. Raspollini MR, Lopez-Beltran A Eds. Springer, 2019

Taverna C., Franchi A. Leiomyoma. In: Encyclopedia of Pathology. Uro pathology. Raspollini MR, Lopez-Beltran A Eds. Springer, 2019

Taverna C., Franchi A. Myointimoma . In: Encyclopedia of Pathology. Uro pathology. Raspollini MR, Lopez-Beltran A Eds. Springer, 2019

Taverna C., Franchi A. Neurofibroma. In: Encyclopedia of Pathology. Uro pathology. Raspollini MR, Lopez-Beltran A Eds. Springer, 2019

Taverna C., Franchi A. Paraganglioma. In: Encyclopedia of Pathology. Uro pathology. Raspollini MR, Lopez-Beltran A Eds. Springer, 2019

Taverna C., Franchi A. Schwannoma. In: Encyclopedia of Pathology. Uro pathology. Raspollini MR, Lopez-Beltran A Eds. Springer, 2019

Taverna C., Franchi A. Sclerosing Lipogranuloma. In: Encyclopedia of Pathology. Uro pathology. Raspollini MR, Lopez-Beltran A Eds. Springer, 2019

Taverna C., Franchi A. Metastatic Renal cell Carcinoma Of The Parotid Gland. In: Pearls and Pitfalls in Head and Neck Pathology. Franchi A Ed., Cambridge: Cambridge University press 2019

Taverna C., Franchi A. Sinonasal Alveolar Rhabdomyosarcoma. In: Pearls and Pitfalls in Head and Neck Pathology. Franchi A Ed., Cambridge: Cambridge University press 2019

Taverna C., Franchi A. Pleomorphic Adenoma Of The Nasal Septum. In: Pearls and Pitfalls in Head and Neck Pathology. Franchi A Ed., Cambridge: Cambridge University press 2019

Taverna C., Franchi A. Aggressive Papillary Tumor of the Middle Ear. In: Pearls and Pitfalls in Head and Neck Pathology. Franchi A Ed., Cambridge: Cambridge University press 2019

Taverna C., Franchi A. Papillary Squamous Cell Carcinoma. In: Pearls and Pitfalls in Head and Neck Pathology. Franchi A Ed., Cambridge: Cambridge University press 2019

Taverna C., Franchi A. Mature Lipoma with Cartilaginous Metaplasia. In: Pearls and

Pitfalls in Head and Neck Pathology. Franchi A Ed., Cambridge: Cambridge University press 2019

Taverna C., Oncocytic Metaplasia of the Nasopharynx. In: Pearls and Pitfalls in Head and Neck Pathology. Franchi A Ed., Cambridge: Cambridge University press 2019

Taverna C., Franchi A. Laryngeal Squamous Cell Carcinoma and Synchronous Oropharyngeal HPV-related Carcinoma with Nodal Metastasis. In: Pearls and Pitfalls in Head and Neck Pathology. Franchi A Ed., Cambridge: Cambridge University press 2019

## Congress Presentations

- Soft tissue and bone tumors in the head and neck region. In: Head and Neck Session. Annual Congress of the Italian Society of Anatomic Pathology and Diagnostic Citology (SIAPEC), Naples, October 12-14, 2017.
- Expression of mucins MUC2 and MUC4 in sinonasal adenocarcinomas. Annual Congress of the Italian Society of Anatomic Pathology and Diagnostic Citology (SIAPEC), Naples, October 12-14, 2017.
- Papillary tumor of the middle/inner ear with mucinous expressions: a case report of a rare entity and lights on the 4th edition of the WHO classification of tumors of the ear." Annual Congress of the Italian Society of Anatomic Pathology and Diagnostic Citology (SIAPEC), Naples, October 12-14, 2017.
- Predictive molecular markers. In: Symposium: Current news and perspectives in colorectal cancer therapy. IX G.O.C.C.I. Congress, Florence, September 21, 2017. **invited speaker**
- Histological evaluation of lung nodule. In: PACC (Coordinate and Complex path for lung nodule. September- December 2017 and September-December 2016. AOUCareggi, Florence, Italy. **invited speaker**
- RANK and RANK ligand expression in parotid gland carcinomas. In: Triennial Congress of the Italian society of Surgical Pathology and Diagnostic Citology (SIAPEC), November 23-26 2016 Genoa, Italy.
- A rare clinical presentation of a primary cutaneous "cystic" squamous cell carcinoma of the breast. In: Triennial Congress of the Italian society of Surgical Pathology and Diagnostic Citology (SIAPEC), November 23-26 2016 Genoa, Italy.
- Head and neck tumours: histopathological approach. In: Workshop "Therapeutic diagnostic path in maxillofacial malignancies". December 1, 2016. AOUCareggi, Florence, Italy. **invited speaker**
- Gastric biopsy. In: Workshop "Gastric cancer When and how to intervene" – November 25, 2016. AOU Careggi, Florence, Italy **invited speaker**
- TNM and prognostic factors In: Workshop "Gastric cancer When and how to intervene" –November 25, 2016. AOUCareggi, Florence, Italy **invited speaker**
- Sinonasal carcinomas: microenvironment and immune response. In: ESP Academy, June 23-26, 2018. Waterloo, Belgium
- Immunohistochemical profiling of mucins in sinonasal adenocarcinomas. In 30th European Congress of Pathology (ECP), September 8-12, 2018. Bilbao, Spain.
- Papillary neoplasms of the middle/inner ear: report of 2 sporadic cases and lights on the 4th edition of the WHO classification of tumour of the ear. In 30th European Congress of Pathology (ECP), September 8-12, 2018. Bilbao, Spain.
- Tumours of the nasopharynx: what's new in the WHO classification and TNM staging system. In: first National GIPaTeC Italian Meeting on Head and Neck Tumours, March 7-8, 2019. Naples, Italy **invited speaker**
- MUC4 as a potential marker for differentiating MASC and PLGA in minor salivary glands in 31th European Congress of Pathology (ECP), September 7-11, 2019. Nice, France.
- Squamous cell carcinoma of the breast with apocrine features: a rare variant of metaplastic breast cancer in 31th European Congress of Pathology (ECP), September 7-11, 2019. Nice, France.
- Soft tissue tumors of the skin with aneurysmal features: a comparative morphological, immunohistochemical and molecular study in 32th European

Congress of Pathology (ECP), December 6-8 2020 Virtual congress

- HRAS mutation as a surrogate diagnostic marker in challenging cases of epithelial myoepithelial carcinoma in 32th European Congress of Pathology (ECP), December 6-8 2020 Virtual congress
- Sinonasal intestinal-type adenocarcinoma showing contralateral intestinal metaplasia: a morphological and immunohistochemical study in 33th European Congress of Pathology (ECP), 29– 31 August 2021
- Predictive biomarkers in head and neck pathology in Annual Congress of the Italian Society of Anatomic Pathology and Diagnostic Citology (SIAPEC), Naples 19-21 October, 2023 - **invited speaker**
- Immunoprofiling of mucins (MUC1, MUC2, MUC4, MUC5ac and MUC6) in a rare case of urachal mucinous neoplasm of low malignant potential and molecular characterisation - Eposter - in 36th European Congress of Pathology (ECP), September 7-11, 2024. Florence, Italy.
- Sinonasal squamous cell carcinoma: a computer assisted image analysis of tumor infiltrating lymphocytes - oral presentation - in 36th European Congress of Pathology (ECP), September 7-11, 2024. Florence, Italy.
- Lesioni B3 della mammella: to B or not to B – ted? - in “Workshop “Agli estremi dello screening mammografico” - Torino, 6 giugno 2025” - **invited speaker**
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- Mesothelioma of the tunica vaginalis: report of a rare entity and lights on differential diagnosis from 5th WHO classification of urinary and male genital tumours - Eposter - in 37th European Congress of Pathology (ECP), September 6-10, 2025, Vienna, Austria.
- MUC2 is a useful diagnostic marker for distinguishing primary mucinous cystadenocarcinoma and mucinous carcinomas of the breast: report of a case and comparative study- Eposter - in 37th European Congress of Pathology (ECP), September 6-10, 2025, Vienna, Austria.
- A comparison of molecular genetic features of primary and recurrent sinonasal intestinal type adenocarcinoma - oral presentation- in 37th European Congress of Pathology (ECP), September 6-10, 2025, Vienna, Austria.

Congress Session Chairs

“Head and Neck - Clinical cases” session. Annual Congress of the Italian Society of Anatomic Pathology and Diagnostic Citology (SIAPEC), Naples, October 12-14, 2017.

PERSONAL SKILLS

Mother tongue Italian

Other language

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	

English	B2	B2	B2	B2	B2
First Certificate of English, Level B2, University of Cambridge, ESOL Examination					

Driving licence B

Novi Ligure, 12/09/2025

Cecilia Taverna