

**Prof. STEFANO LA ROSA**  
***CURRICULUM VITAE***

## **Informazioni personali**

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Nato a Varese il 16/07/1967

Residenza:

Tel:

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## **Posizione lavorativa attuale**

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Professore Associato di Anatomia Patologica (Cod. GSD 06/MEDS-04, Cod. SSD MEDS-04/A),

Dipartimento di Medicina e Innovazione Tecnologica, Università degli Studi dell'Insubria

- Direttore della Scuola di Specializzazione in Anatomia Patologia
- Direttore del Centro di Ricerca per lo Studio dei Tumori Eredo-Familiari
- Membro del Consiglio del Dottorato di Ricerca in Medicina Sperimentale e Traslazionale
- Membro del Consiglio della Scuola di Medicina
- Membro della Commissione carriere pregresse
- Membro della Commissione per l'accettazione di donazioni di beni librari e di beni artistici e culturali

Direttore della Struttura Complessa di Anatomia Patologica, ASST dei Sette Laghi, Varese

- Referente Aziendale dell'Articolazione del Molecular Tumor Board Regionale
- Referente Aziendale della Rete Regionale Malattie Rare
- Vicedirettore del Dipartimento Oncologico

## **Formazione**

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### **Studi Medi Superiori**

Liceo Scientifico Statale "Galileo Ferraris" di Varese (1981-1986).

Votazione alla maturità scientifica: 50/60.

### **Studi Universitari**

Laurea in Medicina e Chirurgia (1992) - II Facoltà di Medicina e Chirurgia, Università degli Studi di Pavia.

Votazione finale: 110/110 con lode

### **Perfezionamento post-laurea**

- 1992-1996: Specializzazione in Anatomia Patologica, Università degli Studi di Pavia. Votazione: 50/50 con Lode.
- 2017-2018: Corso di formazione in pedagogia medica: TeachUP - Enseigner efficacemente en milieu universitaire. Università di Losanna.

- 2024: Corso per Dirigenti di Struttura Complessa della Scuola di Direzione in Sanità-Lombardia. Edizione: IUC DSCO 1102 svoltosi presso l'Università Carlo Cattaneo-LIUC di Castellanza.

### **Esperienze scientifiche all'estero**

2001, Visiting Clinician presso il Department of Pathology and Laboratory Medicine, Anatomic Pathology Section, Mayo Clinic, Rochester, MN, USA.

### **Borse e premi di Studio**

- 1998 vincitore per meriti di un premio di studio dell'Università di Pavia, finanziato dalla Cassa di Risparmio delle Province Lombarde.
- 1998 vincitore, con il lavoro intitolato "*Immunohistochemical localization of acidic fibroblast growth factor in normal human enterochromaffin cells and related gastrointestinal tumours*" (Virchows Arch 430:117-124,1997), del premio "Cesare Biancifiori".
- 1998 vincitore, con il progetto di ricerca "*Parametri predittivi di malignità e fattori prognostici nei tumori neuroendocrini gastrointestinali e del pancreas*", di una borsa di studio "Anna Villa Rusconi" bandita dalla Associazione Anna Villa Rusconi di Varese.
- 1997 vincitore, con il lavoro di endocrinopatologia intitolato "*Prognostic criteria in nonfunctioning pancreatic endocrine tumors*" (Virchows Arch 429:323-333,1996), del premio "Leonardo Mosca" bandito dall'Associazione Amici di Leonardo Mosca.
- 1987 vincitore per meriti di una borsa di studio istituita dalla Banca Popolare di Luino e Varese nell'anniversario del suo centenario.

## **Attività lavorativa**

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### **Attività accademica**

- Dal 01/11/2021 a tutt'oggi Professore Associato di Anatomia Patologica, Università degli Studi dell'Insubria.
- Dal 01/12/2018 al 31/10/2021, Professore Associato di Anatomia Patologica, Facoltà di Biologia e Medicina, Università di Losanna, Svizzera.
- Dal 01/09/2016 al 30/11/2018, Professore Invitato di Anatomia Patologica, Facoltà di Biologia e Medicina, Università di Losanna, Svizzera.
- Dall'Anno Accademico 1999/2000 all'Anno Accademico 2015/2016 Professore a contratto di Anatomia Patologica presso l'Università degli Studi dell'Insubria.

### **Attività clinica**

- Dal 01/11/2023 a tutt'oggi direttore della S.C. di Anatomia Patologica dell'ASST dei Sette Laghi di Varese.

- Dal 01/01/2022 al 31/10/2023 dirigente medico in convenzione presso la S.C. di Anatomia Patologica dell'ASST dei Sette Laghi di Varese.
- Dal 01/09/2016 al 31/12/2021 Médecin Chef presso l'Institut Universitaire de Pathologie dell'Ospedale Universitario (CHUV) di Losanna, Svizzera.
- Dal 30/07/99 al 31/08/2016 incarico a tempo indeterminato in qualità di dirigente medico in Anatomia Patologica presso l'Ospedale di Circolo e Fondazione Macchi di Varese.
- Dal 30/11/98 al 29/07/99 incarico interinale in qualità di dirigente medico di I livello in Anatomia Patologica presso l'Ospedale di Circolo e Fondazione Macchi di Varese.
- Dal 14/04/97 al 12/11/97 incarico di supplenza come dirigente medico di I livello in Anatomia Patologica presso l'Azienda USSL n°1 di Varese.

## Attività didattica

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- Dal 01/11/2021 a tutt'oggi, Professore Associato di Anatomia Patologica, Università degli Studi dell'Insubria
- Dal 01/08/2022 al 31 luglio 2025 Professor Invitato di Anatomia Patologica, Facoltà di Biologia e Medicina, Università di Losanna
- Dal 01/12/2018 al 31/10/2021, Professore Associato di Anatomia Patologica, Facoltà di Biologia e Medicina, Università di Losanna, Svizzera.
- Dal 01/09/2016 al 30/11/2018, Professore Invitato di Anatomia Patologica, Facoltà di Biologia e Medicina, Università di Losanna, Svizzera.
- 2017, Membro all'Atelier Fédéral Nazional per la preparazione e revisione delle domande per l'esame federale ECOS, Svizzera
- Dall'Anno Accademico 1999/2000 all'Anno Accademico 2015/2016 Professore a contratto, Università degli Studi dell'Insubria

### Dettaglio dell'attività didattica

#### ANNO ACCADEMICO: 2024/2025

PRESSO L'UNIVERSITÀ DEGLI STUDI DELL'INSUBRIA

#### ANATOMIA E ISTOLOGIA PATOLOGICA 1 (60h)

Anno di corso: 4

Corso: Medicina e Chirurgia

#### PATOLOGIA MOLECOLARE (12h)

Anno di corso: 4

Corso: Medicina e Chirurgia

#### ANATOMIA E ISTOLOGIA PATOLOGICA 2 (72h)

Anno di corso: 5

Corso: Medicina e Chirurgia

**ANNO ACCADEMICO: 2023/2024**

PRESSO L'UNIVERSITÀ DEGLI STUDI DELL'INSUBRIA

**ANATOMIA E ISTOLOGIA PATOLOGICA 1 (60h)**

**Anno di corso:** 4

**Corso:** Medicina e Chirurgia

**PATOLOGIA MOLECOLARE (12h)**

**Anno di corso:** 4

**Corso:** Medicina e Chirurgia

**ANATOMIA E ISTOLOGIA PATOLOGICA 2 (72h)**

**Anno di corso:** 5

**Corso:** Medicina e Chirurgia

**ANNO ACCADEMICO: 2022/2023**

PRESSO L'UNIVERSITÀ DEGLI STUDI DELL'INSUBRIA

**ANATOMIA PATOLOGICA (12h)**

**Anno di corso:** 1

**Corso:** Igiene dentale (abilitante alla professione sanitaria di Igienista dentale)

**ANATOMIA E ISTOLOGIA PATOLOGICA (36h)**

**Anno di corso:** 2

**Corso:** Tecniche di laboratorio biomedico (abilitante alla professione sanitaria di Tecnico di laboratorio biomedico)

**ANATOMIA PATOLOGICA (12h)**

**Anno di corso:** 2

**Corso:** Tecniche di fisiopatologia cardiocircolatoria e perfusione cardiovascolare (abilitante alla professione sanitaria di Tecnico di fisiopatologia cardiocircolatoria e perfusione cardiovascolare)

**ANATOMIA PATOLOGICA (16h)**

**Anno di corso:** 3

**Corso:** Ostetricia (abilitante alla professione sanitaria di Ostetrica/o)

**ANATOMIA E ISTOLOGIA PATOLOGICA 1 (60h)**

**Anno di corso:** 4

**Corso:** Medicina e Chirurgia

**PATOLOGIA MOLECOLARE (12h)**

**Anno di corso:** 4

**Corso:** Medicina e Chirurgia

**ANNO ACCADEMICO: 2021/2022**

PRESSO L'UNIVERSITÀ DEGLI STUDI DELL'INSUBRIA

**ANATOMIA E ISTOLOGIA PATOLOGICA 1 (60h)****Anno di corso:** 4**Corso:** Medicina e Chirurgia**PATOLOGIA MOLECOLARE (12h)****Anno di corso:** 4**Corso:** Medicina e Chirurgia**ANNO ACCADEMICO: 2020/2021**

PRESSO L'UNIVERSITÀ DI LOSANNA

<b>Université de Lausanne</b>			
<b>Module</b>	<b>Titre</b>		<b>Heures</b>
B2.6 Urogénital et homéostasie	Pathologie	Cours ex-cathedra	2h
B2.6 Urogénital et homéostasie	Pathologie	Travaux pratiques	2h
B3.9/M1.9 Cours à option L'hypophyse reine des glandes : la servir et la protéger	Pathologie	Cours ex-cathedra	2h
M1.1 Douleurs articulaires	Pathologie	Cours ex-cathedra	1h
M1.1 Douleurs articulaires	Pathologie	Travaux pratiques	2h
M2.1 Oncologie interdisciplinaire, médecine aiguë	Cancer du testicule	Cours intégré	1h
M2.1 Oncologie interdisciplinaire, médecine aiguë	Cancer de la prostate	Cours intégré	2h
M2.1 Oncologie interdisciplinaire, médecine aiguë	Cancer de la vessie	Cours intégré	1h
M2.1 Oncologie interdisciplinaire, médecine aiguë	Cancer du rein	Cours intégré	2h
M2.1 Oncologie interdisciplinaire, médecine aiguë	Tumeur de la thyroïde	Cours intégré	1h
M2.1 Oncologie interdisciplinaire, médecine aiguë	Sarcomes de tissus mous	Cours intégré	1h
M2.1 Oncologie interdisciplinaire, médecine aiguë	Mélanome	Cours intégré	1h
M2.2 Maladies chroniques complexes	Affection surrénaliens	Cours ex-cathedra	1h
M2.2 Maladies chroniques complexes	Thyroïde	Cours ex-cathedra	2h
M2.2 Maladies chroniques complexes	Pathologie	Travaux pratiques	4h
*M2.8 Skills - Pathologie	Méthodes en pathologie clinique	Cours ex-cathedra	2h
M2.8 Skills - Pathologie	La pathologie en recherche clinique et fondamentale	Cours ex-cathedra	1h
M2.8 Skills - Pathologie	Pathologie de la tête et cou	Cours ex-cathedra	2h
M2.8 Skills - Pathologie	Uropathologie	Cours ex-cathedra	2h
M2.8 Skills - Pathologie	La pathologie au centre de la prise en charge du patient	Cours ex-cathedra	1h
M2.8 Skills - Pathologie	L'examen extemporané et le TNM	Travaux pratiques	4h
M2.8 Skills - Pathologie	Terminologie en pathologie, son sens clinique	Cours ex-cathedra	4h
M2.8 Skills - Pathologie	Confrontations anatomocliniques en pathologie abdominale	Travaux pratiques	4h
<b>Totale</b>			<b>45h</b>

\*Responsabile dell'insegnamento pré-gradué di patologia (Modulo M2.8).

<b>ESsanté, Lausanne</b>		
<b>Titre</b>		<b>Heures</b>
Introduction à la pathologie clinique	Cours ex cathedra	2h
Introduction à la cytologie	Cours ex cathedra	2h

Le cancer	Cours ex cathedra	2h
Pathologie pulmonaire	Cours ex cathedra	2h
Pathologie digestive	Cours ex cathedra	2h
Pathologie du sein et de la prostate	Cours ex cathedra	2h
<b>Total</b>		<b>12h</b>

<b>EPFL</b>		
<b>Titre</b>		<b>Heures</b>
Introduction to Clinical Pathology	Cours ex cathedra	<i>Cours annulé pour le COVID</i>

**ANNO ACCADEMICO: 2019/2020**  
PRESSO L'UNIVERSITÀ DI LOSANNA

<b>Université de Lausanne</b>			
<b>Module</b>	<b>Titre</b>		<b>Heures</b>
B2.6 Urogénital et homéostasie	Pathologie	Cours ex-cathedra	2h
B2.6 Urogénital et homéostasie	Pathologie	Travaux pratiques	2h
B3.9/M1.9 Cours à option L'hypophyse reine des glandes : la servir et la protéger	Pathologie	Cours ex-cathedra	2h
M2.1 Oncologie interdisciplinaire, médecine aiguë	Cancer du testicule	Cours intégré	1h
M2.1 Oncologie interdisciplinaire, médecine aiguë	Cancer de la prostate	Cours intégré	2h
M2.1 Oncologie interdisciplinaire, médecine aiguë	Cancer de la vessie	Cours intégré	1h
M2.1 Oncologie interdisciplinaire, médecine aiguë	Cancer du rein	Cours intégré	2h
M2.1 Oncologie interdisciplinaire, médecine aiguë	Tumeur de la thyroïde	Cours intégré	1h
M2.1 Oncologie interdisciplinaire, médecine aiguë	Sarcomes de tissus mous	Cours intégré	1h
M2.1 Oncologie interdisciplinaire, médecine aiguë	Mélanome	Cours intégré	1h
M2.2 Maladies chroniques complexes	Affection surrénaliens	Cours ex-cathedra	1h
M2.2 Maladies chroniques complexes	Thyroïde	Cours ex-cathedra	2h
M2.2 Maladies chroniques complexes	Pathologie	Travaux pratiques	4h
*M2.8 Skills - Pathologie	Méthodes en pathologie clinique	Cours ex-cathedra	2h
M2.8 Skills - Pathologie	La pathologie en recherche clinique et fondamentale	Cours ex-cathedra	1h
M2.8 Skills - Pathologie	Pathologie de la tête et cou	Cours ex-cathedra	2h
M2.8 Skills - Pathologie	Uropathologie	Cours ex-cathedra	2h
M2.8 Skills - Pathologie	La pathologie au centre de la prise en charge du patient	Cours ex-cathedra	1h
M2.8 Skills - Pathologie	L'examen extemporané et le TNM	Travaux pratiques	4h
M2.8 Skills - Pathologie	Terminologie en pathologie, son sens clinique	Cours ex-cathedra	4h
M2.8 Skills - Pathologie	Confrontations anatomocliniques en pathologie abdominale	Travaux pratiques	4h
<b>Total</b>			<b>42h</b>

\*Responsabile dell'insegnamento pré-gradué (medicina) di patologia (Modulo M2.8).

<b>ESsanté, Lausanne</b>		
<b>Titre</b>		<b>Heures</b>
Introduction à la pathologie clinique	Cours ex cathedra	2h
Introduction à la cytologie	Cours ex cathedra	2h
Le cancer	Cours ex cathedra	2h

Pathologie pulmonaire	Cours ex cathedra	2h
Pathologie digestive	Cours ex cathedra	2h
Pathologie du sein et de la prostate	Cours ex cathedra	2h
Total		<b>12h</b>

<b>EPFL</b>		
<b>Titre</b>		<b>Heures</b>
Introduction to Clinical Pathology	Cours ex cathedra	2h

**ANNO ACCADEMICO: 2018/2019**  
 PRESSO L'UNIVERSITÀ DI LOSANNA

<b>Université de Lausanne</b>			
<b>Module</b>	<b>Titre</b>		<b>Heures</b>
M2.5 Oncologie interdisciplinaire, éthique, médecine aiguë	Cancer du testicule	Cours intégré	1h
M2.5 Oncologie interdisciplinaire, éthique, médecine aiguë	Cancer de la prostate	Cours intégré	2h
M2.5 Oncologie interdisciplinaire, éthique, médecine aiguë	Cancer de la vessie	Cours intégré	1h
M2.5 Oncologie interdisciplinaire, éthique, médecine aiguë	Cancer du rein	Cours intégré	2h
M2.2 Maladies chroniques complexes	Affection surrénaliens	Cours ex-cathedra	1h
M2.8 Skills - Pathologie	Uropathologie	Cours ex-cathedra	2h
M2.8 Skills - Pathologie	Uropathologie	Travaux pratiques	4h
<b>Totale</b>			<b>13h</b>

<b>ESSanté, Lausanne</b>		
<b>Titre</b>		<b>Heures</b>
Pathologie digestive	Cours ex cathedra	2h
Pathologie du sein et de la prostate	Cours ex cathedra	2h
Total		<b>4h</b>

<b>EPFL</b>		
<b>Titre</b>		<b>Heures</b>
Introduction to Clinical Pathology	Cours ex cathedra	2h

**ANNO ACCADEMICO: 2017/2018**  
 PRESSO L'UNIVERSITÀ DI LOSANNA

<b>Université de Lausanne</b>			
<b>Module</b>	<b>Titre</b>		<b>Heures</b>
M2.5 Oncologie interdisciplinaire, éthique, médecine aiguë	Cancer du testicule	Cours intégré	1h
M2.5 Oncologie interdisciplinaire, éthique, médecine aiguë	Cancer de la prostate	Cours intégré	2h

M2.5 Oncologie interdisciplinaire, éthique, médecine aiguë	Cancer de la vessie	Cours intégré	1h
M2.5 Oncologie interdisciplinaire, éthique, médecine aiguë	Cancer du rein	Cours intégré	2h
M2.2 Maladies chroniques complexes	Affection surrénaliens	Cours ex-cathedra	1h
M2.8 Skills - Pathologie	Uropathologie	Cours ex-cathedra	2h
M2.8 Skills - Pathologie	Uropathologie	Travaux pratiques	4h
<b>Totale</b>			<b>13h</b>

<b>ESsanté, Lausanne</b>		
<b>Titre</b>		<b>Heures</b>
Pathologie digestive	Cours ex cathedra	2h
Pathologie du sein et de la prostate	Cours ex cathedra	2h
Total		<b>4h</b>

<b>EPFL</b>		
<b>Titre</b>		<b>Heures</b>
Introduction to Clinical Pathology	Cours ex cathedra	2h

### DALL'ANNO ACCADEMICO 1999/2000 ALL'ANNO ACCADEMICO 2015/2016

PRESSO L'UNIVERSITÀ DEGLI STUDI DELL'INSUBRIA

Professore a contratto per i seguenti corsi:

- "Diagnostica anatomo-patologica delle malattie endocrine", scuola di Specializzazione in Anatomia Patologica presso la Facoltà di Medicina e Chirurgia dell'Università degli Studi dell'Insubria, dall'Anno Accademico 1999/2000 all'Anno Accademico 2007/2008. Dall'anno 2009/2010 ad oggi.
- "Anatomia Patologica", Diploma Universitario di Tecnico Sanitario di Laboratorio Biomedico dell'Università degli Studi dell'Insubria, dall'Anno Accademico 2000/2001 all'Anno Accademico 2002/2003.
- "Tecniche di preparazione in Anatomia Patologica macroscopica", Diploma Universitario di Tecnico Sanitario di Laboratorio Biomedico dell'Università degli Studi dell'Insubria, dall'Anno Accademico 2000/2001 all'Anno Accademico 2002/2003.
- "Anatomia Patologica/Tecnica di preparazione macroscopiche in Anatomia Patologica", Corso di laurea Tecnico Sanitario di Laboratorio Biomedico dell'Università degli Studi dell'Insubria, dall'Anno Accademico 2003/2004 all'Anno Accademico 2015/2016.

**Attività di Relatore o Correlatore per le seguenti Tesi di Laurea  
presso l'Università degli Studi dell'Insubria**

1. Anno Accademico 2024/2025. Glioblastomi IDH wild-type lungo sopravvivenenti. Candidato: Mario Saffiotti.
2. Anno Accademico 2023/2024. Studio osservazionale retrospettivo sui tumori neuroendocrini di grado 2 del tratto gastrointestinale: analisi di 48 casi. Candidato: Anna Midali.
3. Anno Accademico 2023/2024. Angiopietin 2 expression in digestive Neuroendocrine Neoplasms (NENs). Candidato: Sara Novarina.
4. Anno Accademico 2014/2015. Studio dell'espressione e amplificazione del gene c-MYC nel carcinoma acinare del pancreas. Candidato: Lorena Shaha.
5. Anno Accademico 2013/2014. Studio ultrastrutturale di pancreas di topi knock-out per il gene COBRA-1. Candidato: Ilenia Brescia.
6. Anno Accademico 2012/2013. Utilizzo della frazione p16<sup>ink4a</sup> nelle lesioni displastiche della cervice uterina. Aspetti metodologici e clinici. Candidato: Monica Barbieri.
7. Anno Accademico 2012/2013. Espressione di BACE2 in cellule pancreatiche di pazienti con diabete mellito di tipo 2 e malattia di Alzheimer. Candidato: Claudia Placidi.
8. Anno Accademico 2011/2012. Studio morfologico e immunoistochimico di biopsie rettali di 34 soggetti affetti da diabete mellito di tipo 1. Candidato: Enrico Daniele Folador.
9. Anno Accademico 2011/2012. Aspetti tecnici della processazione della biopsia renale per lo studio in microscopia ottica ed in immunofluorescenza. Candidato: Emanuela Vicari.
10. Anno Accademico 2010/2011. Studio clinico-patologico ed immunoistochimico di 62 carcinomi acinari del pancreas. Candidato: Laura Castelli.
11. Anno Accademico 2009/2010. Valutazione dell'amplificazione di HER2 con metodica SISH (silver in situ hybridization) nel carcinoma mammario – aspetti metodologici. Candidato: Mariasilvia Rodio.
12. Anno Accademico 2009/2010. Studio morfologico ed immunoistochimico di 14 neuroblastomi olfattori e 8 carcinomi neuroendocrini nasali. Candidato: Lucia Nicora.
13. Anno Accademico 2009/2010. L'automazione nelle colorazioni istologiche primarie: standardizzazione e riproducibilità. Candidato: Stefano Pariani.
14. Anno Accademico 2009/2010. Espressione di ASH1 nei carcinomi endocrini scarsamente differenziati. Studio immunoistochimico di 88 casi. Candidato: Eleonora Mura.
15. Anno Accademico 2008/2009. Ottimizzazione della metodica immunoistochimica per l'espressione del TTF-1 con l'anticorpo SPT24 e suo ruolo nella diagnosi dei carcinoidi polmonari. Candidato: Martina Curti.
16. Anno Accademico 2007/2008. Impiego della microscopia elettronica nella diagnosi delle gomerulonefriti. Candidato: Milena Luciana Cernecca.

17. Anno Accademico 2007/2008. Determinazione della proliferazione cellulare in neoplasie esocrine ed endocrine enteropancreatiche: marcatori a confronto. Candidato: Andrea Anicito.
18. Anno Accademico 2003/2004. Ottimizzazione della metodica immunocistochimica per la localizzazione del PDGF, del PDGFR $\alpha$  e del PDGFR $\beta$ . Candidato: Marianna Zanni.
19. Anno Accademico 2003/2004. Ottimizzazione della metodica immunocistochimica per la localizzazione del recettore IIA dell'activina. Candidato: Ettore Antonio Parini.
20. Anno Accademico 2001/2002. Espressione del fattore di crescita vascolare endoteliale (VEGF) e dei suoi recettori nelle cellule normali e nei tumori endocrini del sistema gastroenteropancreatico. Candidato: Monica Niada.
21. Anno Accademico 2000/2001. Ottimizzazione della metodica immunocistochimica per la localizzazione del recettore 2A per la somatostatina. Candidato: Silvana Pelizzo.

**Attività di Relatore per la seguente Tesi di Dottorato  
presso l'Università degli Studi dell'Insubria**

1. Anno Accademico 2024/2025. Molecular pathology of digestive grade 3 neuroendocrine tumors. Candidato: Amedeo Gregorio Sciarra.

**Attività di Tutor, Co-tutor o esperto esterno per le seguenti Tesi di Laurea  
presso l'Università di Losanna**

1. Anno Accademico 2020/2021. Relatore tesi MD: PD-L1 expression, tumor-infiltrating lymphocytes, and mismatch repair proteins status in digestive neuroendocrine neoplasms: exploring their potential role as theragnostic and prognostic biomarkers. Candidato: Eléonore Multone.
2. Anno Accademico 2019/2020. Tutor per il lavoro di Master: Expression of PD-L1 in digestive neuroendocrine neoplasms and its correlation with clinico-pathologic features. Exploring its potential role as prognostic marker and possible target for anti-PD-1/PD-L1 therapy. Candidato: Cindy Vera Solis.
3. Anno Accademico 2019/2020. Esperto esterno per il lavoro di Master: Incidence of complications associated with total thyroidectomies in high and low volume surgeons. Candidato: Henri Clavel. Tutor: prof. Peter Kopp.
4. Anno Accademico 2018/2019. Tutor per il lavoro di Master: The role of molecular testing in thyroid fine-needle aspiration cytology (FNAC) at the Lausanne University Hospital (CHUV) in patients' management. A comparative study. Candidato: Daria Mapelli.
5. Anno Accademico 2017/2018. Esperto esterno per il lavoro di Master: Maladie de Sjögren: valeur prédictive des données histologiques des glandes salivaires sur la réponse au traitement anti-CD20 rituximab. Candidato: Olivia Fjellbirkeland. Tutor: Prof. François Spertini.
6. Anno Accademico 2017/2018. Co-Tutor (correlatore) per il lavoro di Master: Comparison of thyroid fine-needle aspiration biopsy diagnostic performance before

and after implementation of the Bethesda system for reporting thyroid cytopathology (TBSRTC) at the Lausanne University Hospital (CHUV). Candidato: Lacinian Nareg.

7. Anno Accademico 2015/2016. Esperto esterno per il lavoro di Master: Tumeurs neuroendocrines du pancreas. Candidato: Ricciardi Pietro. Tutor: prof. Massimo Bongiovanni.

## Attività scientifica e di ricerca (ORCID: 0000-0003-1941-2403)

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Come si evince dall'elenco delle pubblicazioni, dall'inizio della sua carriera il prof. La Rosa ha svolto attività di ricerca in Anatomia Patologica che è stata principalmente rivolta:

1. allo studio della patologia neuroendocrina, con particolare attenzione e approfondimento della patologia tumorale neuroendocrina del pancreas, del tratto gastroenterico, del polmone e dell'ipofisi;
2. allo studio del diabete
3. allo studio delle neoplasie pancreatiche

Di seguito viene riportata una brevissima descrizione dei risultati più salienti ottenuti, che si possono considerare di maggiore rilevanza tra tutti quelli pubblicati nel corso di questi anni, con l'indicazione di solo alcuni dei lavori; la lista completa è riportata nell'elenco delle pubblicazioni.

- 1) Per quanto riguarda gli studi sulle neoplasie neuroendocrine dell'apparato digerente, oltre ad aver studiato gli aspetti morfologici utili per una migliore classificazione prognostica di queste neoplasie e ad aver partecipato alla stesura delle classificazioni per la WHO, risultano di particolare rilievo i seguenti aspetti innovativi della ricerca:
  - a) il prof. La Rosa ha pubblicato nel 1996 il primo studio sul ruolo di Ki67 come fattore prognostico delle neoplasie neuroendocrine pancreatiche (*La Rosa S, Sessa F, Capella C, Riva C, Leone BE, Klersy C, Rindi G, Solcia E. Prognostic criteria in nonfunctioning pancreatic endocrine tumours. Virchows Arch 429:323-333,1996. PMID: 8982376*). Questo lavoro è stato il punto di partenza per una serie di numerosi studi successivi che hanno portato all'utilizzo di Ki67 come marcatore centrale per il grading dei tumori neuroendocrini, che oggi è diventato un caposaldo della diagnosi di queste neoplasie.
  - b) nel 2016 il prof. La Rosa ha proposto l'introduzione del termine di MiNEN per la definizione delle neoplasie miste neuroendocrine/non-neuroendocrine che nel 2017 è stato accettato dalla WHO e che oggi è universalmente utilizzato per la diagnosi di queste neoplasie (*La Rosa S, Sessa F, Uccella S. Mixed Neuroendocrine-Nonneuroendocrine Neoplasms (MiNENs): unifying the concept of a heterogeneous group of neoplasms. Endocr Pathol 2016 27:284-311,2016. PMID: 27169712*).
  - c) per quanto riguarda lo studio delle neoplasie neuroendocrine dell'ipofisi, oltre ad aver pubblicato numerosi lavori che hanno meglio definito le loro caratteristiche morfologiche e immunofenotipiche, ha partecipato agli studi collaborativi che hanno proposto l'introduzione del termine PitNET al posto di

adenoma che oggi è stato accettato dalla WHO e utilizzato per la classificazione di queste neoplasie (Asa SL, Asioli S, Bozkurt S, Casar-Borota O, Chinezu L, Comunoglu N, Cossu G, Cusimano M, Delgrange E, Earls P, Ezzat S, Gazioglu N, Grossman A, Guaraldi F, Hickman RA, Ikeda H, Jaffrain-Rea ML, Karavitaki N, Kraljević I, La Rosa S, Manojlović-Gačić E, Maartens N, McCutcheon IE, Messerer M, Mete O, Nishioka H, Oz B, Pakbaz S, Pekmezci M, Perry A, Reiniger L, Roncaroli F, Saeger W, Söylemezoğlu F, Tachibana O, Trouillas J, Turchini J, Uccella S, Villa C, Yamada S, Yarman S. *Pituitary neuroendocrine tumors (PitNETs): nomenclature evolution, not clinical revolution. Pituitary* 23:322-325,2020. PMID: 31834538).

- 2) Lo studio sul diabete mellito si è articolato in due filoni principali ed è stato svolto in collaborazione con l'Università del Texas, di Harvard e di Milano:
  - a) lo studio sul diabete di tipo 2 ha approfondito gli aspetti patogenetici di questa malattia con particolare riferimento al ruolo dell'amiloidosi insulare nella genesi e progressione della malattia utilizzando modelli animali (Guardado-Mendoza R, Davalli AM, Chavez AO, Hubbard GB, Dick EJ, Majluf-Cruz A, Tene-Perez CE, Goldschmidt L, Hart J, Perego C, Comuzzie AG, Tejero ME, Finzi G, Placidi C, La Rosa S, Capella C, Halff G, Gastaldelli A, DeFronzo RA, Folli F. *Pancreatic islet amyloidosis, beta-cell apoptosis, and alpha-cell proliferation are determinants of islet remodeling in type-2 diabetic baboons. Proc Natl Acad Sci USA* 106:13992-7,2009. PMID: 19666551)
  - b) studio sul ruolo del trapianto di isole di Langerhans, di pancreas e di rene per la gestione clinica dei pazienti con diabete di tipo 1 e studio sul ripristino della funzionalità intestinale in pazienti con enteropatia diabetica (D'Addio F, La Rosa S, Maestroni A, Jung P, Orsenigo E, Ben Nasr M, Tezza S, Bassi R, Finzi G, Marando A, Vergani A, Frego R, Albarello L, Andolfo A, Manuguerra R, Viale E, Staudacher C, Corradi D, Batlle E, Breault D, Secchi A, Folli F, Fiorina P. *Circulating IGF-I and IGFBP3 Levels Control Human Colonic Stem Cell Function and Are Disrupted in Diabetic Enteropathy. Cell Stem Cell* 17:486-498,2015. PMID: 26431183)
- 3) Lo studio sulle neoplasie pancreatiche è stato prevalentemente rivolto al carcinoma acinare di cui sono stati definiti gli aspetti morfologici e molecolari (La Rosa S, Adsay V, Albarello L, Asioli S, Casnedi S, Franzi F, Marando A, Notohara K, Sessa F, Vanoli A, Zhang L, Capella C. *Clinicopathologic study of 62 acinar cell carcinomas of the pancreas: insights into the morphology and immunophenotype and search for prognostic markers. Am J Surg Pathol* 36:1782-95,2012. PMID: 23026929). Uno dei risultati più rilevanti e di utilità diagnostica è stata la scoperta di BCL10 come marcatore sensibile e specifico di carcinoma acinare del pancreas, che oggi è raccomandato per la diagnosi di queste neoplasie (La Rosa S, Franzi F, Marchet S, Finzi G, Clerici M, Vigetti D, Chiaravalli AM, Sessa F, Capella C. *The monoclonal anti-BCL10 antibody (clone 331.1) is a sensitive and specific marker of*

*pancreatic acinar cell carcinoma and pancreatic metaplasia. Virchows Arch 454:133-42,2009. PMID: 19066953)*

### **Produzione scientifica:**

N. articoli: 265

N. capitoli di libri: 83

N. libri: 3

### **Indici Bibliometrici (Scopus ID: 7003340185):**

- H-index: 56
- 269 pubblicazioni
- 10658 citazioni

#### **Simulazione indicatori sul Sito IRInSubria (02/12/2025)**

<b>ASN 2023-2025</b>				
<b>SECONDA FASCIA</b>	<b>Valore</b>	<b>INDICATORE</b>	<b>Soglia</b>	<b>Stato</b>
	98	Numero articoli ultimi 5 anni	15	✓
	5402	Numero citazioni ultimi 10 anni	291	✓
	35	H index ultimi 10 anni	11	✓
	La simulazione ASN per il ruolo di docente di Seconda Fascia ha esito positivo?			
<b>PRIMA FASCIA</b>	<b>Valore</b>	<b>INDICATORE</b>	<b>Soglia</b>	<b>Stato</b>
	162	Numero articoli ultimi 10 anni	31	✓
	8072	Numero citazioni ultimi 15 anni	1204	✓
	45	H index ultimi 15 anni	18	✓
	La simulazione ASN per il ruolo di docente di Prima Fascia ha esito positivo?			
<b>COMMISSARIO</b>	<b>Valore</b>	<b>INDICATORE</b>	<b>Soglia</b>	<b>Stato</b>
	162	Numero articoli ultimi 10 anni	69	✓
	8072	Numero citazioni ultimi 15 anni	2622	✓
	45	H index ultimi 15 anni	26	✓
	La simulazione ASN per il ruolo di Commissario ha esito positivo?			

### **Progetti di ricerca**

- 2023: Progetto INDAGA  
In dept analysis of salivary gland cancers: from cells lines and genomic evaluation towards clinical trials in locally advanced and recurrent/metastatic disease  
PI: Stefano La Rosa, EURO: 200,000

- 2023: Finanziamento per assegno di ricerca post-dottorato  
Identificazione di biomarcatori teragnostici utili per selezionare pazienti con neoplasie neuroendocrine di alto grado da trattare con immunoterapia  
Responsabile del progetto: Prof. Stefano La Rosa  
EURO: 19,367
- 2022: Progetto INNOVA  
Ecosistema innovativo della salute  
PI: prof. Massimo Venturini  
CoPI: prof. Stefano La Rosa  
EURO: 180,000
- 2020, Fondation Pathologie, Lausanne  
Expression of PD-L1 in digestive neuroendocrine neoplasms and its correlation with clinico-pathologic features. Exploring its potential role as prognostic marker and possible target for anti-PD-1/PD-L1 therapy.  
PI: Stefano La Rosa, CHF: 10,000

## Società scientifiche

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### Membro delle seguenti Società Scientifiche

- dal 2018 SwissNET
- dal 2017 Swiss Society of Pathology
- dal 2016 Pancreatobiliary Pathology Society (PBPath)
- dal 2014 Associazione Italiana per i Tumori Neuroendocrini (ITANET)
- dal 2009 European Neuroendocrine Tumor Society (ENETS)
- dal 2008 Endocrine Pathology Society
- dal 2002 United States & Canadian Academy of Pathology (USCAP)
- dal 1998 Società Italiana di Anatomia Patologica e di Citopatologia Diagnostica (SIAPEC)
- dal 1998 International Academy of Pathology (IAP) -sezione italiana-
- dal 1997 European Society of Pathology (ESP)

### Attività societarie

- 2025: Presidente della Endocrine Pathology Society, Companion Society of USCAP, USA
- 2018-2021: Co-chair dell'Uropathology Working Group della Società Svizzera di Patologia.
- 2016-2018: Membro dell'Educational Committee della Pancreatobiliary Pathology Society, Companion Society of USCAP, USA
- 2015-2019: Segretario dell'Endocrine Working Group of the European Society of Pathology.

## Attività Congressuali

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### **Ha partecipato a oltre 200 Congressi o Convegni Nazionali e Internazionali**

### **Su invito ha personalmente presentato a Congressi e Convegni nazionali e internazionali le seguenti 120 relazioni scientifiche:**

1. Espressione dei recettori per i fattori di crescita fibroblastici nelle cellule endocrine normali e nei relativi tumori gastrointestinali. Congresso Congiunto SIAPEC-IAP. Roma 18-20 novembre 1999.
2. Neoplasie neuroendocrine dell'area gastro-entero-pancreatica. Convegno su "Neoplasie del fegato e neuroendocrine del tubo digerente" Verbania 14 settembre 2002.
3. Recettori della somatostatina: tipizzazione ed implicazioni cliniche. Convegno "Analoghi della somatostatina in endocrinologia, metabolismo ed oncologia. Gazzada 8 novembre 2003.
4. Tavola rotonda. Convegno: "Leucemia linfatica cronica: aggiornamenti sulla diagnosi e sulla terapia". Varese 25 maggio 2007.
5. Attualità classificative e diagnostiche delle leucemie. Convegno: "Attualità nel laboratorio di ematologia". Varese 25 maggio 2007.
6. Attualità classificative e diagnostiche delle leucemie. Convegno: "Attualità nel laboratorio di ematologia". Varese 8 giugno 2007.
7. Applicazioni delle tecniche immunoistochimiche nella diagnostica dei tumori del sistema neuroendocrino. Convegno: "Applicazioni delle tecniche immunoistochimiche nella diagnostica pratica". Gallarate 23 giugno 2007.
8. Tecniche istopatologiche e immunoistochimiche per la diagnostica delle leucemie croniche. Corso di aggiornamento: "Metodologie e tecniche diagnostiche di anatomia patologica". Varese 24 Novembre 2007.
9. Tecniche istopatologiche e immunoistochimiche per la diagnostica delle leucemie croniche. Corso di aggiornamento: "Metodologie e tecniche diagnostiche di anatomia patologica". Varese 1° dicembre 2007.
10. Problemi nella diagnosi differenziale anatomo-patologica delle malattie mieloproliferative croniche. Congresso. "Nuovi marcatori molecolari nelle sindromi mieloproliferative". Varese 23 maggio 2008.
11. Problemi nella diagnosi differenziale anatomo-patologica delle malattie mieloproliferative croniche. Congresso. "Nuovi marcatori molecolari nelle sindromi mieloproliferative". Varese 30 maggio 2008.
12. Classificazione e fattori di rischio istopatologici del carcinoma tiroideo differenziato. Convegno: "Il carcinoma tiroideo differenziato: stato dell'arte e prospettive future". Varese 25 ottobre 2008.
13. La biopsia osteomidollare: aspetti tecnici e metodologici. Corso di aggiornamento in metodologie e tecniche diagnostiche di anatomia patologica. Varese 15 novembre 2008.

14. La biopsia osteomidollare: aspetti tecnici e metodologici. Corso di aggiornamento in metodologie e tecniche diagnostiche di anatomia patologica. Varese 22 novembre 2008.
15. Classificazione e diagnosi anatomopatologica dei tumori neuroendocrini gastro-entero-pancreatici. Convegno: "I tumori neuroendocrini gastro-entero-pancreatici" Varese 14 luglio 2009.
16. Slide Seminar. Convegno: "La terapia personalizzata nel NSCLC: un approccio multidisciplinare". Como 28 maggio 2010
17. Neoplasie neuroendocrine del tratto digestivo superiore. Convegno: "Argomenti di gastroenterologia". Varese 12 giugno 2010.
18. Classificazione, diagnosi anatomopatologica e alterazioni genetiche dei tumori endocrini polmonari. Convegno: "I tumori neuroendocrini del polmone". Varese 29 giugno 2010.
19. La diagnosi anatomo-patologica delle metastasi polmonari del carcinoma coloretale. Convegno: "Metastasi polmonari del carcinoma colo-rettale". Varese 17 settembre 2010.
20. La diagnosi anatomopatologica dell'estesioneuroblastoma. Convegno: "Estesioneuroblastoma: aggiornamento clinico-diagnostico e terapeutico". Varese 9 novembre 2010.
21. Attualità nella gestione dell'estesioneuroblastoma. Convegno: "VIII giornata del Dipartimento di Scienze Chirurgiche". Varese 10 marzo 2011.
22. Aspetti diagnostici anatomopatologici delle neoplasie polmonari. Convegno: "Il carcinoma del polmone: il parere degli esperti". Gazzada Schianno 25 marzo 2011.
23. The role of surgical pathology. Revision of histological slides, frozen section and margins. Corso: "La moderna chirurgia naso sinusale: anatomia, diagnosi e tecniche chirurgiche". Varese 13-15 aprile 2011.
24. Case 1. Slide seminar section of Endocrine Pathology. 23rd European Congress of Pathology. Helsinki 27 agosto-1° settembre 2011.
25. I tumori neuroendocrini gastro-entero-pancreatici (GEP): criteri classificativi e diagnostici. Aggiornamenti clinico-patologici: I tumori neuroendocrine – per un approccio integrato alla diagnostica e alla terapia. Milano 17-18 maggio, 2012.
26. Gastric neuroendocrine precursor lesions. Endocrine Pathology Symposium-Early lesions and inherited syndromes in endocrine pathology- 24th European Congress of Pathology. Praga 8-12 settembre, 2012
27. Epidemiologia, classificazione e aspetti anatomo patologici dei tumori neuroendocrini gastroenteropancreatici. Convegno: "Lo studio e la cura dei tumori neuroendocrini in provincia di Varese". Solbiate Olona 16 ottobre 2012.
28. Tumori neuroendocrini dello stomaco. Sessione: Tumori neuroendocrini. Congresso Annuale di Anatomia patologica SIAPEC-IAP 2012. Firenze 25-27 ottobre 2012
29. Carcinomi misti adenoneuroendocrini (MANEC) dell'apparato digerente. Seminari presso la Scuola di Specializzazione in Anatomia Patologica dell'Università degli Studi di Parma. Parma 13 Marzo 2013.
30. The aggressive side of gastrointestinal neuroendocrine tumors. Convegno: The bright and fascinating world of neuroendocrine cells. Gazzada Schianno 3 maggio 2013.

31. La stadiazione patologica dei tumori del distretto cervico-cefalico e le sue problematiche. Convegno AIRO Lombardia: Tumori del distretto cervico-cefalico. Milano 22 giugno 2013.
32. Convegno: "Consensus NETs gastroenteropancreatici. Le linee guida tra appropriatezza, tempistica, risorse e sostenibilità." Cremona 13-14 settembre.
33. Classificazione dei tumori neuroendocrini del tratto gastro-entero-pancreatico. Corso: eCase Lea.D.E.R. in NET. Castellanza 18 settembre, 2013.
34. Neoplasie miste. Corso breve: Definizione di malignità in neoplasie endocrine e neuroendocrine. 6° Congresso Triennale SIAPEC-IAP. Roma 26-30 ottobre 2013.
35. Ruolo dell'anatomopatologo nella moderna chirurgia endoscopica sinonasale. Corso Intermedio: La moderna chirurgia endoscopica sino nasale. Varese 9-11 giugno 2014.
36. Case #2. Slide Seminar – SS 03 Endocrine pathology: difficult issues in endocrine tumours. 26th European Congress of Pathology. Londra 30 agosto-3 settembre 2014.
37. Tumori NE del tratto GEP con elevato Ki-67 (NET G3). Riunione GIPE, Congresso Annuale di Anatomia Patologica SIAPEC-IAP. Firenze 22-25 ottobre 2014.
38. Slide seminar – Endocrine Pathology in non-endocrine organs. Case #10. 80th Annual Meeting of the Swiss Society of Pathology. Losanna 6-8 novembre 2014.
39. Slide seminar – Endocrine Pathology in non-endocrine organs. Case #11. 80th Annual Meeting of the Swiss Society of Pathology. Losanna 6-8 novembre 2014.
40. NET del grosso intestino ed appendice. Corso: NET-GEP: la diagnosi istologica crocevia dell'approccio multidisciplinare. Milano 12-13 novembre 2014.
41. Carcinomi misti adenoneuroendocrini (MANEC). Corso: NET-GEP: la diagnosi istologica crocevia dell'approccio multidisciplinare. Milano 12-13 novembre 2014.
42. Mesotelioma: inquadramento diagnostico anatomo-patologico. 1° Congresso nazionale IART. Cremona 7-8 maggio 2015.
43. La diagnosi dei GEP-NET. IV Corso residenziale sui NET. Importanza della multidisciplinarietà. Lecce 12-13 giugno 2015.
44. What's new in 2015 digestive endocrine pathology? 27th European Congress of Pathology. Belgrado 5-9 settembre 2015.
45. Carcinomi neuroendocrini (NEC) gastro-entero-pancreatici: diagnosi ed implicazioni cliniche. Congresso Annuale di Anatomia Patologica SIAPEC-IAP 2015. Milano 23-25 settembre 2015.
46. Neoplasia endocrine del pancreas: patologia. Congresso Annuale di Anatomia Patologica SIAPEC-IAP 2015. Milano 23-25 Settembre 2015.
47. Gastric ECL-cell tumours and related precursor lesions. 6th Belgian week of pathology. Ghent 21-24 ottobre 2015.
48. NET polmonare. Il parere del patologo. Corso interattivo IART. I tumori rari tra patologo e clinico. Cremona 19 novembre 2015.
49. Carcinoma misto adenoneuroendocrino (MANEC). Congresso: NET. Neoplasie neuroendocrine: l'arte di rinnovarsi. Firenze 18-19 febbraio 2016.
50. I tumori neuroendocrini del tratto gastro-entero-pancreatico (GEP-NET). Corso di patologia dell'apparato digerente GIPAD-GIRCG: La standardizzazione del referto istologico: i criteri minimi diagnostici. Forlì, 20 maggio 2016.
51. Caratterizzazione istologica delle neoplasie neuroendocrine: novità. Congresso: Salento NET. Importanza della Multidisciplinarietà. Lecce, 10 giugno 2016

52. Neoplasie neuroendocrine: le classificazioni di F. Bosman e W. Travis per la clinica. XXII Riunione Nazionale Gruppo ITMO. Monza, 1° luglio 2016.
53. Morphology meets genetics: Acinar cell carcinoma. XXXI International Congress of the IAP and 28th Congress of the ESP. Colonia 25-29 settembre 2016.
54. Tumeurs neuro-endocrines (NET): marqueurs pronostiques histologiques. Journées pluridisciplinaires de pathologie hépatobiliaire, pancréatique et digestive, 2016. Ginevra 17-18 novembre 2016.
55. Pancreas/GI: da NEC a MiNENs. 7° Congresso Triennale di Anatomia Patologica SIAPEC-IAP. Genova 23-26 novembre 2016.
56. Case #5: Seminario: New developments in head & neck tumours with special focus on salivary gland neoplasms. Berna 28 gennaio 2017.
57. Case #6: Seminario: New developments in head & neck tumours with special focus on salivary gland neoplasms. Berne 28 gennaio 2017.
58. NETG3 e NEC G3: diagnosi e significato clinico. NEN, Neoplasie neuroendocrine. L'arte di rinnovarsi. Firenze 9-10 febbraio 2017.
59. The value and pitfalls of Ki67 labeling index in gastrointestinal neuroendocrine neoplasms. Companion Meeting of the Endocrine Pathology Society. 106<sup>th</sup> Annual Meeting of the United States and Canadian Academy of Pathology. San Antonio 4-10 marzo 2017.
60. Classificazione NET nel 2017: presente e futuro. I International Post-ENETS Meeting. Napoli 8 maggio 2017.
61. What's hot in the pancreas. 29th European Congress of Pathology. Amsterdam 2-9 settembre 2017.
62. Prognostic classification of GI MiNEN (ex-MANEC). 29th European Congress of Pathology. Amsterdam 2-9 settembre 2017.
63. The 2017 WHO classification of pancreatic neuroendocrine neoplasms. Hot topics in endocrine pathology. Sirone (CO) 7 ottobre 2017.
64. Tumori neuroendocrini nella regione testa-collo. Congresso annuale di Anatomia Patologica SIAPeC-IAP 2017. Napoli 12-14 ottobre 2017.
65. Slide seminar. Patologia neuroendocrina GEP. Congresso annual di Anatomia Patologica SIAPeC-IAP 2017. Napoli 12-14 ottobre 2017
66. The new WHO/TNM classification and new entities in the field of gastroenteropancreatic neuroendocrine neoplasms. Swiss Pathology Days 2017. Thun 10-12 novembre 2017.
67. Case#4. Acinar cell carcinoma. Slide seminar "Liver, biliary tract and pancreas: differential diagnoses in routine practice". Berna 27 gennaio 2018.
68. Pathology in NETs. Post-ENETS. Current standards & congress highlights. Berna 19 aprile 2018.
69. Pre-neoplastic and neoplastic neuroendocrine lesions of the stomach. Corso: Neuroendocrine Tumors. Istanbul 5-6 maggio 2018.
70. Mixed neuroendocrine-non-neuroendocrine neoplasms (MiNENs). Corso: Neuroendocrine Tumors. Istanbul 5-6 maggio 2018.
71. Neuroendocrine tumors: the role of pathologist. Integrated strategies against cancer: how a multidisciplinary team works. Trabia 25-26 maggio 2018.

72. NET gastro-entero-pancreatici. Corso teorico-pratico di patologia endocrina. Milano 19 giugno 2018.
73. Neuroendocrine neoplasms of the nasal cavity. 30<sup>th</sup> European Congress of Pathology. Bilbao 8-12 settembre 2018.
74. MINENs vs MANECs vs combined: ruolo dell'immunoistochimica. Congresso Annuale di Anatomia Patologica SIAPEC-IAP 2018. Bari 18-20 ottobre 2018.
75. Solid pseudopapillary neoplasm: key histopathologic and genetic features. Companion Meeting of the Pancreatobiliary Society. USCAP 2019 Annual Meeting. National Harbor 16-21 marzo 2019.
76. Case #10. Symposium of the Swiss Society of Pathology on pancreatic pathology. Zurigo 11 maggio 2019.
77. Case #11. Symposium of the Swiss Society of Pathology on pancreatic pathology. Zurigo 11 maggio 2019.
78. Case #12. Symposium of the Swiss Society of Pathology on pancreatic pathology. Zurigo 11 maggio 2019.
79. Ipofisi e paratiroidi. 2<sup>nd</sup> Milan Conference on endocrine pathology. Milano 13-14 giugno 2019.
80. NET gastro-entero-pancreatici con MiNENs. 2<sup>nd</sup> Milan Conference on Endocrine Pathology. Milano 13-14 giugno 2019.
81. Update from the USCAP – Genitourinary Pathology. Séance de travail du groupe de Pathologie Urogénitale. Aarau 22 giugno 2019.
82. Neuroendocrine neoplasms of the head and neck. Course of Endocrine Pathology. Gazzada Schianno 4-5 ottobre 2019.
83. Rare pituitary lesions. 15<sup>th</sup> Meeting of the International Pituitary Pathology Club. Istanbul 13-17 ottobre 2019.
84. Stratificare l'aggressività biologica in patologia endocrina. Tumori neuroendocrini GEP. 8° Congresso Triennale di Anatomia Patologica SIAPEC-IAP. Torino 16-19 ottobre 2019.
85. Case#5. Virtual Slide Seminar of the Swiss Society of Pathology "Surgical Pathology in the time of COVID-19: a potpourri". 13 giugno 2020.
86. Novità classificative e molecolari delle neoplasie neuroendocrine del tratto digestivo superiore. Webinar GIPE/GIPAD, SIAPEC 2020, virtual 26 ottobre 2020.
87. Challenges in high grade neuroendocrine neoplasms and MiNENs. USCAP 2021 Annual Meeting. Virtual 13-18 marzo 2021.
88. Poorly differentiated neoplasms: neuroendocrine or not? 33<sup>rd</sup> European Congress of Pathology. Virtual 29-31 agosto 2021.
89. What's new in endocrine pathology: the pituitary gland. 2<sup>nd</sup> Swiss Pathology days/87<sup>th</sup> Annual Congress of the Swiss Society of Pathology. Interlaken 4-6 novembre 2021.
90. To diagnose and classify high neuroendocrine neoplasms. 34<sup>th</sup> European Congress of Pathology. Basilea 3-7 settembre 2022.
91. Ileocolic neuroendocrine neoplasms: an update. 34<sup>th</sup> European Congress of Pathology. Basilea 3-7 settembre 2022.
92. Ipofisi e paratiroidi, III Corso teorico-pratico di patologia endocrina. Milano 10-11 novembre 2022.

93. NEN gastroenteropancreatiche con MINENs. III Corso teorico-pratico di patologia endocrina. Milano 10-11 novembre 2022.
94. Mixed NE-non-NE neoplasms in different organs: Definitions, concepts, and challenges. 20<sup>th</sup> Annual ENETS Conference. Vienna 22-24 marzo 2023.
95. Mixed neuroendocrine /non – neuroendocrine neoplasms (MiNENs): diagnosis and its clinical impact. 7<sup>ème</sup> Journée Nationale de la Société Académique Algérienne de Biopathologie et Cancer. Algeri 14 maggio, 2023.
96. Practical Slide Seminar. 7<sup>ème</sup> Journée Nationale de la Société Académique Algérienne de Biopathologie et Cancer. Algeri 14 maggio 2023.
97. Neuroendocrine neoplasms of the GI tract: classification and pathology. 5<sup>th</sup> London GI Pathology update. Londra 1-2 Giugno 2023.
98. Digestive tract MINEN. Recent development. 35th European Congress of Pathology. Dublino 9-13 settembre 2023.
99. Digestive neuroendocrine neoplasms. From morphology to molecular biology. Quinta giornata scientifica “Giovanna Tosi”. Varese 27 settembre 2023.
100. Ipofisi e paratiroidi, IV Corso teorico-pratico di patologia endocrina. Milano 16-17 novembre 2023.
101. NEN gastroenteropancreatiche con MINENs. IV Corso teorico-pratico di patologia endocrina. Milano 16-17 novembre 2023.
102. Short Course 25: Neuroendocrine Neoplasms in the 2022 WHO classification: Practical Diagnostic Roadmap for Common Challenges. 113<sup>rd</sup> USCAP Annual Meeting. Baltimora 23-28 marzo 2024.
103. Le NEN gastroenteropancreatiche: la risposta del patologo. I convegno del Gruppo Italiano di Patologia Endocrine (GIPE). Roma 11-12 aprile 2024.
104. Gastric and appendicular NETs. The pathologist’s answer. 36th European Congress of Pathology. Firenze 7-11 September 2024.
105. Recent advances in pituitary neuroendocrine tumors management. European Association of Neurosurgical Society (EANS) 2024. Sofia 13-17 Ottobre 2024.
106. Ipofisi e paratiroidi. V Corso teorico-pratico di patologia endocrina. Milano 14-15 novembre 2024.
107. NEN gastroenteropancreatiche con MINENs. V Corso teorico-pratico di patologia endocrina. Milano 14-15 novembre 2024.
108. NIFTP: una entità clinica da rispettare. La diagnosi. Congresso AIT 2024. Varese 28-30 novembre 2024.
109. Diagnosi patologica e rilevanza delle determinazioni molecolari. Sessione: Il tumore polmonare -screening e diagnosi – stato dell’arte e prospettive. Convegno: Approccio multidisciplinare e nuove prospettive di diagnosi e cura del tumore polmonare non a piccole cellule. Varese 14 febbraio 2025.
110. Parathyroid pathology. Ioannina Courses of pathology. Endocrine pathology. Ioannina 7-9 marzo 2025.
111. Neuroendocrine neoplasms of the gut: pathology and molecular classification. Ioannina Courses of pathology. Endocrine pathology. Ioannina 7-9 marzo, 2025.
112. Neuroendocrine neoplasms of the pancreas. Diagnostic approach by pathology. Ioannina Courses of pathology. Endocrine pathology. Ioannina 7-9 marzo, 2025.

113. Pituitary neoplasms: diagnostic approach. Ioannina Courses of pathology. Endocrine pathology. Ioannina 7-9 marzo, 2025.
114. Short Course 25: Neuroendocrine Neoplasms in the 2022 WHO classification: Practical Diagnostic Roadmap for Common Challenges. 114<sup>th</sup> USCAP Annual Meeting. Boston 22-27 marzo, 2025.
115. RoadMap to Challenges in Limited Cellularity Specimens from Neuroendocrine Organs: pancreatic mass. 114<sup>th</sup> USCAP Annual Meeting. Boston 22-27 marzo 2025.
116. Profili immunofenotipici e molecolari per le terapie innovative delle neoplasie neuroendocrine. IV Workshop IMMUNOHUB. Varese 27-28 marzo 2025.
117. Neoplasie neuroendocrine. Fattori prognostici clinici, istologici e molecolari -43° Congresso nazionale della Società Italiana di Endocrinologia (SIE). Torino 11-14 giugno 2025.
118. Classification issues and diagnostic criteria of MiNENs. 37<sup>th</sup> European Congress of Pathology. Vienna 6-10 settembre 2025.
119. Tumori ipofisari. VI Corso teorico-pratico di patologia endocrina. Milano 13-14 novembre 2025
120. NEN dell'apparato digerente. VI Corso teorico-pratico di patologia endocrina. Milano 13-14 novembre 2025.

## Riviste scientifiche

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### **Membro dell'Editorial Board delle seguenti riviste:**

- dal 2022: Virchows Archiv
- dal 2021: Neuroendocrinology
- dal 2020: Frontiers Oncology
- dal 2018: Human Pathology
- Dal 2014: Frontiers in Medicine –Pathology Section-
- Dal 2014: Endocrine Pathology

### **Attività di revisore per le seguenti riviste:**

*Clinical Endocrinology, Endocrine Pathology, Endocrine-Related Cancer, European Journal of Endocrinology, European Journal Gastroenterology and Hepatology, Histopathology, Human Pathology, Modern Pathology, Neuroendocrinology, Pancreas, Pathologica, Pathology Research and Practice, PlosONE, The Histochemical Journal, Thyroid, Tumori, Virchows Archiv, World Journal of Surgical Oncology*

## **Attività per la World Health Organization (WHO)** (<https://www.iarc.who.int>)

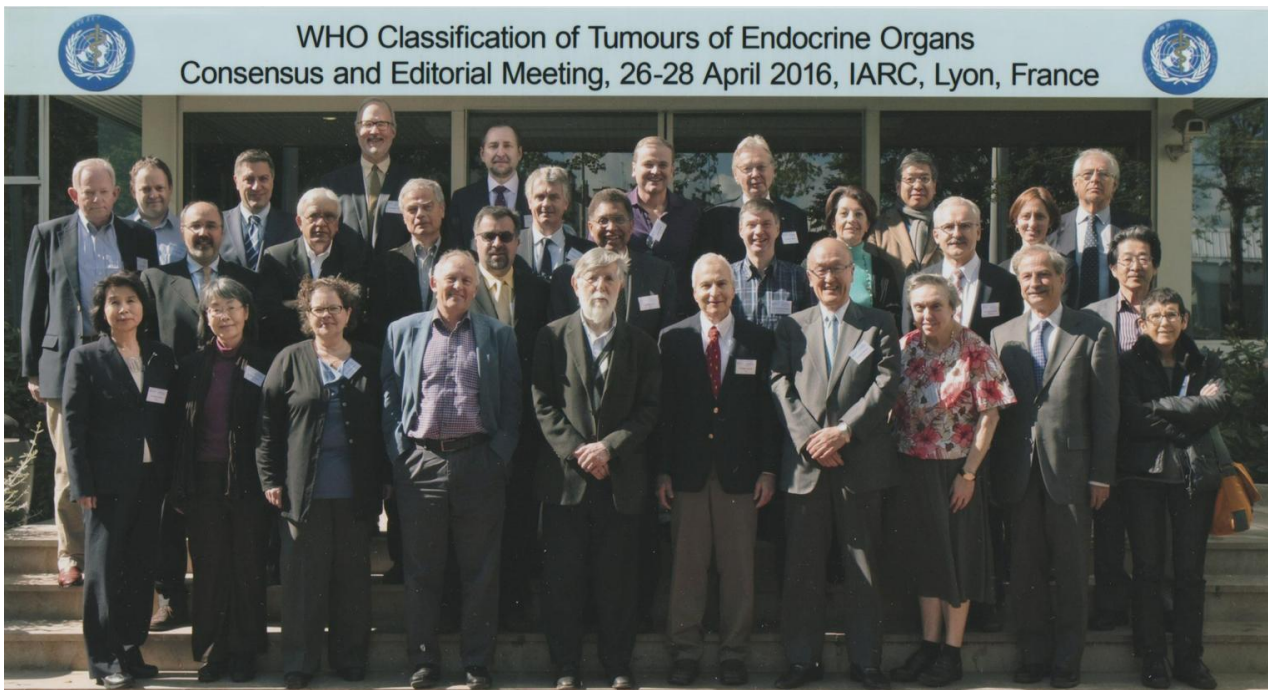
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- Invitato dalla WHO/IARC a partecipare al Consensus Meeting tenutosi a Lione dal 26 al 28 aprile 2016 organizzato per la preparazione del volume "WHO Classification of

*Tumours of Endocrine Organs, 4<sup>th</sup> Edition, 2017*" in cui ha inoltre contribuito personalmente alla stesura di 6 capitoli.

- Autore responsabile o coautore di 36 capitoli dei seguenti libri WHO (*si veda dettaglio nell'elenco pubblicazioni*):

- WHO Classification of Digestive System Tumours (WHO classification of tumours series, 6<sup>th</sup> ed.; vol. 10). IARC Press, Lyon, in press
- WHO Classification of Endocrine and Neuroendocrine Tumours (WHO classification of tumours series, 5<sup>th</sup> ed.; vol. 10). IARC Press, Lyon, 2025
- WHO Classification of Paediatric Tumours (WHO classification of tumours series, 5<sup>th</sup> ed.; vol.7). IARC Press, Lyon, 2022
- WHO Classification of Digestive System Tumours (WHO classification of tumours series, 5<sup>th</sup> ed; vol 1). IARC Press, Lyon, 2019
- WHO Classification of Tumours of Endocrine Organs (WHO classification of tumours series, 4<sup>th</sup> ed.). IARC Press, Lyon, 2017



### **Attività per l'International Collaboration on Cancer Reporting (ICCR) (<https://www.iccr-cancer.org>)**

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2025-2026: Co-chair insieme al Prof. Aurel Perren (Università di Berna) dell'International Collaboration on Cancer Reporting (ICCR) per la preparazione degli "Standardized pathology reports of Neuroendocrine Tumors".



## Neuroendocrine Tumours

In synchrony with updates to the WHO Classification of Endocrine and Neuroendocrine Tumours and planned updates to the WHO Classification of Digestive System Tumours, the ICCR has developed a new dataset for neuroendocrine tumours (including pancreas, luminal gut and unknown primary site).

Open consultation is expected in the first quarter of 2026. We anticipate the dataset will be published in the second quarter of 2026.

## Pubblicazioni

### Lavori originali

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2. Uccella S, **La Rosa S**. Neuroendocrine neoplasms of the stomach. Update on diagnostic criteria, classification, and prognostic markers. *Virchows Arch* 2025 Nov 22. [Epub ahead of print] doi: 10.1007/s00428-025-04340-x. PMID: 41273419
3. Travaglino A, Santoro A, Arciuolo D, Raffone A, Angelico G, Casarin J, Ronchi S, D'Alessandris N, Scaglione G, Valente M, Urtueta BP, Addante F, Narducci N, Piermattei A, Rossi T, Cianfrini F, Zannoni GF, **La Rosa S**. Mesonephric-like metaplasia of the endometrium in a woman treated with letrozole: morphological, immunohistochemical and molecular analysis. *Pathologica* 117:393-396, 2025
4. Fulgione C, Inzani F, Raffone A, Raimondo D, Arciuolo D, Ronchi S, Marchiori D, Maragliano R, Neola D, Vastarella MG, Cobellis L, **La Rosa S**, Zannoni GF, Travaglino A. Prognosis of HPV-independent, p53-wild-type vulvar squamous cell carcinoma: A systematic review and meta-analysis. *Gynecol Oncol* 201:210-215,2025
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