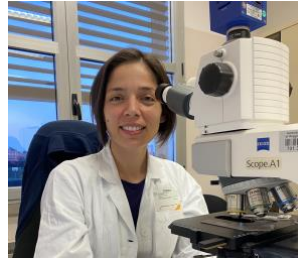




## CURRICULUM VITAE ET STUDIORUM



### PERSONAL INFORMATION

Ragazzi Moira

📍 via Salvador Allende, 2, 40139 Bologna (BO) (Italy)

☎ +39 3397783334

✉ moira79@gmail.com

Sex: Female | Birth date: 02/07/1979 | Nationality: Italian

Scopus ID: 57190110115

Orcid: 0000-0002-8761-9265

ResearcherID: J-5737-2018

#### Fonte Scopus:

**H- index** 33

**Total publications** 131

**Total citations** >3000

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### PROFESSIONAL EXPERIENCE

01/11/2022 –  
As yet

Associate Professor SSD MED/08 UNIMORE

**Pathology Unit – Azienda USL - IRCCS, Reggio Emilia (Italy)**

Department of Maternal-Child and Adult Medical and Surgical Sciences – University of Modena and Reggio Emilia

Integration for assistance activities at Anatomia Patologica – Azienda USL - IRCCS, Reggio Emilia (Italy). Director: Alberto Cavazza

18/06/2018 –  
31/10/2022

Physician

**Pathology Unit – Azienda USL - IRCCS, Reggio Emilia (Italy)**

**Director:** Dr. Alberto Cavazza

Permanent and full-time assignment to carry out routine care activities.

03/06/2014 –  
17/06/2018

Physician

**Pathology Unit - Arcispedale Santa Maria Nuova - IRCCS, Reggio Emilia (Italy)**

**Director:** Dr. Giorgio Gardini; from 20 February 2017 **Director:** Dr. Alberto Cavazza

Fixed-term and full-time assignment to carry out routine care activities.

- 01/06/2010–02/06/2014 **Freelance Physician**  
**Pathology Unit - Arcispedale Santa Maria Nuova - IRCCS, Reggio Emilia (Italy)**  
**Director:** Dr. Giorgio Gardini  
This assignment had an annual duration and included:  
- Collaboration in research projects on breast, thyroid, and lung cancer; Application of the ex vivo confocal microscope for the study of facial skin tumors.  
- Routine care activities.
- 02/09/2013–31/08/2014 **Freelance Physician**  
**Pathology Unit -Ospedale Maggiore, Bologna (Italy)**  
**Director:** Dr. Arrigo Bondi  
Collaboration in the project "Adoption of the HPV test in screening for the prevention of cervical carcinoma in the Local Health Authority of Bologna".  
Reading of at least 7,500 pap-tests/year.  
Interrupted on 30/05/2014 for incompatibility with the fixed-term assignment. Pap smears diagnosed: 5,800.
- 01/01/2010–30/05/2010 **Research Fellow**  
**Pathology Unit - Bellaria Hospital - University of Bologna, Bologna (Italy)**  
**Director:** Prof. Vincenzo Eusebi  
**Project title:** "Markers of glomi malignancy", related to the Emilia-Romagna Region Project in Neuro Oncology (PERNO).
- 04/2005–10/11/2009 **Resident Medical Doctor**  
University of Bologna, Bologna (Italy)  
Units attended during the postgraduate training period in Bologna:  
Pathology Unit of the Policlinico S.Orsola-Malpighi directed by Prof. Walter F. Grigioni,  
Pathology Unit of the Policlinico S.Orsola-Malpighi directed by Prof. Giuseppe N. Martinelli,  
Hemolinfopathology Unit of the Policlinico S.Orsola-Malpighi directed by Prof. Stefano A. Pileri,  
Section of Anatomy, Histology and Pathological Cytology of the Bellaria Hospital in Bologna, directed by Prof. Vincenzo Eusebi.
- 07/01/2008–28/02/2008 **Fellowship**  
Centro Diagnostico Italiano, Milan (Italy)  
**Supervisor:** Prof. Juan Rosai
- 11/2003–03/2005 **Non-graduate Attending Student**  
Pathological Anatomy - Bellaria Hospital, Bologna (Italy)  
**Director:** Prof. Vincenzo Eusebi

## EDUCATION AND TRAINING

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10/10/2009

Specialty in Surgical Pathology

University of Bologna, Bologna (Italy)

**Title of experimental thesis:** "Oncocytic carcinoma of the breast: anatomical-clinical profile and molecular study".

**Supervisor:** Prof. Vincenzo Eusebi

**Score:** 70/70 laude

21/07/2005

Qualification to practice the medical-surgical profession

University of Bologna, Bologna (Italy)

09/1998–14/03/2005

Degree in Medicine and Surgery

University of Bologna, Bologna (Italy)

**Title of experimental thesis:** "Three-dimensional reconstruction of thyroid nodule vascularization: anatomical-clinical correlations".

**Supervisor:** Prof. Maria Pia Foschini

**Score:** 110/110 laude

09/1993–18/07/1998

Linguistic High School Diploma

Liceo Scientifico "G. Galilei", San Giovanni in Persiceto (BO) (Italy)

**Score:** 60 /60

## PERSONAL SKILLS

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Native language

Italian

Other languages

English

COMPREHENSION		SPOKEN		WRITTEN PRODUCTION
Listening	Reading	Interaction	Oral production	
B2	C2	B1	B1	C1

Levels: A1/A2: Basic level - B1/B2: Intermediate level - C1/C2: Advanced level

[Common European Framework of Reference for Languages](#)

Organizational managerial skills

and - Coordination of regional quality control of breast pathology "Regional external quality control for the immunohistochemical determination of predictive markers of therapy in breast cancer and predictive molecular tests of personalized oncological therapies": from June 2019 to date.

## Responsibilities of Research Projects

- Quality control: From June 2009 to June 2010, she took part in the internal quality control of the Institute of Pathological Anatomy of the Bellaria Hospital in Bologna.
- Key staff member (Co-PI) in PNRR project "**Contrast Enhancement Mammography vs. MRI for the surveillance of women at high risk of breast cancer: Con-trust randomized controlled trial**" PNRR-MCNT2-2023-12377087 (P.I. Dr. Paolo Giorgi Rossi).
- Responsible of Operative Unit in the research project "**Ex-vivo fluorescence confocal microscopy technique for a fast intraoperative evaluation in different oncological settings: prostate surgery, Mohs surgery for basal cell carcinoma of the skin, breast surgery and gastro-intestinal endoscopy**" funded by Regione Emilia Romagna in the frame of Finalized Research Region-University 2020 (P.I. Dr. Salvatore Micali).
- Responsible of Operative Unit in "**Studio BoCCE (Biopsy of Calcifications under Contrast Enhancement guide): ruolo della biopsia sotto guida CESM (mammografia con mezzo di contrasto) nella caratterizzazione delle calcificazioni dubbie o sospette (BIRADS R3, R4, R5) non associate a masse**" funded by 5 per Mille, Delibera 2020/44 (P.I. Dr. Pattacini).
- Key staff member (Co-PI) in European project "**Randomized, Comparison Of Risk-Stratified versus Standard Breast Cancer Screening In European Women Aged 40-74**" H2020-SC1-2017-Two-Stage-RTD-Project N°755394-2 (National Coordinator Dr. Paolo Giorgi Rossi).
- Head of Operative Unit in the finalized research project "**ANALYSIS OF GENOMIC ALTERATIONS DRIVING METASTASIS AND PROGRESSION IN PAPILLARY THYROID CARCINOMA**" funded by the Ministry of Health in the context of Finalized Research 2011-2012.Call for Finalized Research and Young Researchers 2011-2012, GR-2011-02350937 (P.I. Dr. Alessia Ciarrocchi). From 15-10-2014 to 15-10-2018.
- Principal Investigator of the independent retrospective experimental study entitled "**RETROSPECTIVE REVIEW OF BREAST CANCER CASES SUBJECTED TO Her2 IN FISH test (In Situ Fluorescent Hybridization) IN THE LIGHT OF THE NEW ASCO/CAP 2013 GUIDELINES**". Approved by the provincial ethics committee on 20/01/2016. D to 20-01-2016 to 30-03-2017.
- Principal Investigator of the independent experimental study with device entitled "**Use of the ex-vivo convocation microscope in pathological anatomical diagnostics**". Approved by the provincial ethics committee on 16/12/2013. D to 16-12-2013 to 31/12/2018.
- Local Principal Investigator of the independent study entitled "**Ultrastructural study on adipose tissue in patients with hereditary breast cancer with mutations in the BRCA1/BRCA2 gene: genotype-phenotype correlation - Prot. DGLCMF1**", proposed by the Breast Cancer Center - A.O.U. Policlinico di Modena - Dr. L. Cortesi - Oncology, Hematology and Pathology of the Respiratory System and Dr. D. Guerra - Department of Clinical Diagnostic Medicine and Public Health. Approved by the provincial ethics committee on 16/12/2013. D to 22-01-2014 to 31-12-2015.

## Professional skills

### Breast pathology

- Referent of breast pathology at the Service of Surgical Pathology of the AUSL-IRCCS of Reggio Emilia.
- Participation in the weekly meetings of the Breast Unit of the AUSL-IRCCS of Reggio Emilia, as an active member of the Breast Unit and member of the PDTA of the breast of this Hospital.
- Member of the Group of the "REGIONAL EXTERNAL QUALITY CONTROL FOR THE

IMMUNOHISTOCHEMICAL DETERMINATION OF PREDICTIVE MARKERS OF THERAPY IN BREAST CANCER AND MOLECULAR TESTS PREDICTIVE OF PERSONALIZED CANCER THERAPIES" - Emilia Romagna Region

from 01-01-2016 to today (2 meetings per year).

- Active member of the Italian Group of Breast Pathology (GIPAM) within the Italian Society of Pathological Anatomy and Diagnostic Cytology (SIAPEC).
- Participation as a member of GERSM (Gruppo Emiliano Romagnolo Breast Screening) in the revision of the Regional Guidelines for the section of Breast Cytohistopathology.
- Participation in the "Regional Quality Control in Breast Pathology from Screening" of the Emilia Romagna region (at the Bellaria Hospital in Bologna, from 2009 to 2013).
- Participation in the weekly multidisciplinary meetings of breast pathology of the Bellaria Hospital in Bologna (in the period spent at the Bellaria Hospital as a research fellow: total six months).
- Specialization Thesis: "Oncocytic carcinoma of the breast: anatomical-clinical profile and molecular study".

▪ **Thyroid pathology and cytology**

- Participation in the monthly meetings of the TRAIN group at the Arcispedale Santa Maria Nuova in Reggio Emilia.
- Participation in the thyroid pathology seminars of the Thyroid Club at the Bellaria Hospital in Bologna (from December 2003 to December 2009).
- Weekly shifts of cytology, including cytoassistance activities in diagnostic radiology during the sessions of ultrasound-guided needle aspirations at the Bellaria Hospital in Bologna (in the period spent at the Bellaria Hospital as a resident and as a research fellow for a total of two years and nine months).
- Thesis: "Three-dimensional reconstruction of thyroid nodule vascularization: anatomical-clinical correlations".

▪ **Use of the Ex-vivo Fluorescence Confocal Microscope**

- Subcontractor with SamanTree for consultancy activities through AUSL-IRCCS of Reggio Emilia, within the European project H2020 SME Instrument Phase2 project N° 823284 (Histolog™ Scanner, WP2).
- Participation in the international study entitled "ex vivo readers study" in collaboration with the Skin Cancer Unit of the Arcispedale Santa Maria Nuova of Reggio Emilia.

▪ **Pathology of the central nervous system**

- Research grant for the project entitled "Markers of malignancy of gliomas", belonging to the Project of the Emilia Romagna Region in Neuro Oncology (PERNO), during which he followed all the cryostatic and histological diagnostics of brain neoplasms belonging to the Section of Pathological Anatomy of the Bellaria Hospital of Bologna (from 01/January/2010 to 30/May2010).
- Awarded at the third Intercontinental Congress of Pathology (Barcelona, Spain, May 17-22/2008) for the presentation and discussion of the abstract entitled: "Gene expression profiling in gliomas and immunohistochemical evaluation of IGFBP-2".
- Participation in the weekly multidisciplinary meetings of neuropathology of the Bellaria Hospital in Bologna (in the period spent at the Bellaria Hospital as a resident and as a research fellow for a total of two years and nine months).

## Teaching Positions/Lectures

- Surgical Pathology [CLOPD 015], Dentistry and Prosthetics: 40 hours.
- Interdisciplinary sciences [OST\_270\_23], Obstetrics [14-403]: 10 hours.
- Diagnostic techniques in Surgical Pathology [TLB\_270\_16], Biomedical laboratory techniques [14-405]: 16 hours.
- Physiology, general pathology, surgical pathology [FCPC270\_07], Cardiocirculatory pathophysiology and cardiovascular perfusion techniques [14-406]: 8 hours.
- Etiopathogenesis of diseases [CLID270\_05], Dental hygiene [14-410]: 16 hours.
- First level University Master in "Histopathological Techniques in Pathological Anatomy" - a.y. 2022/2023, 2023/2024, 2024/2025 - Director: Prof. Luca Reggiani Bonetti. Faculty Member: 30 hours.
- First level University Master in "Histopathological Techniques in Pathological Anatomy" - a.y. 2019/2020 - Director: Prof. Antonino Maiorana. Seminar on "Breast diseases". On 01/7/2020 and 08/7/2020, for a total of n. 6 (six) hours (3+3).
- First level University Master in "Histopathological Techniques in Pathological Anatomy" - a.y. 2018/2019 - Director: Prof. Antonino Maiorana. Seminar on "Breast diseases". On 12/6/2019, from 9 am to 5.30 pm.
- First level University Master in "Histopathological Techniques in Pathological Anatomy" - a.y. 2017/2018 - Director: Prof. Antonino Maiorana. Seminar on "Breast diseases". On 18/5/2018 for a total of n. 6 (SEI) hours.
- Advanced Course in "Histopathological Macroscopic Techniques in Pathological Anatomy" - a.y. 2016/2017 - Director: Prof. Antonino Maiorana. Seminar on "Breast pathology". On 10/02/2017 from 8 am to 6 pm.
- Dermoscopy course for doctors in specialized training in Dermatology and Venereology UniMORE I SESSION 2015. Seminar activity entitled "HISTOPATHOLOGICAL BASES: From macroscopic analysis to the eosin hematoxylin slide". On 25/5/2015 from 2 pm to 5 pm.
- Postgraduate School in Clinical Pathology, Lent Term 2015, University of Pavia. - Director: Prof. Ermanno Gherardi. Seminar activity entitled "Molecular bases of thyroid cancer". On 11/3/2015 from 16.15 to 18.

## Institutional Assignments

- Regional Councilor for Siaepe, Emilia Romagna Region, central area. From June 2023 to present.
- Member of the Research Committee of the Department of Medical and Surgical Sciences for Children and Adults, from November 2024 to present.
- Faculty member in Doctor of Philosophy (Ph.D.) Program in Clinical and Experimental Medicine. From March 2025 to present.

## Thesis-

- Co-supervisor of the degree thesis in "Medicine and Surgery" of the University of Modena and Reggio Emilia, Department of Biomedical, Metabolic and Neuroscience Sciences, dermatological clinic, AY2015-2016, entitled: "Use of ex vivo confocal microscopy for mohs surgery in the definition of the margins of basal cell carcinoma". from 02-02-2015 to 30-09-2015
- Co-supervisor of the thesis of the "Degree Course in Biomedical Laboratory Techniques" of the University of Modena and Reggio Emilia, Department of Surgical, Medical, Dental and Morphological Sciences with Interest Transplantation, Oncology and Regenerative Medicine, AY2016-2017, entitled: "Role of the laboratory technician in the application of ex vivo confocal microscopy: study of the margins of resection in Mo hs

surgery of basal cell carcinomas ". From 03-04-2017 to 20-10-2017

- Co-supervisor of the thesis of the "Bachelor's Degree Course in Biological Sciences" of the University of Modena and Reggio Emilia, Department of Life Sciences, AY2018-2019, entitled: "Impact of the ASCO/CAP 2018 guidelines for the determination of HER2 in breast cancer, in a laboratory that performs dual-probe front-line FISH". From 01-05-2019 to 20-12-2019

- Supervisor for the thesis of the "Bachelor's Degree in Biomedical Laboratory Techniques" at the University of Modena and Reggio Emilia, Department of Surgery, Medicine, Dentistry, and Morphological Sciences with a Focus on Transplantation, Oncology, and Regenerative Medicine, AY 2023-2024, entitled: "Analysis of the expression of genes controlled by RUNX-2 in triple-negative breast cancer (TNBC)". From March 2024 to November 2025.

- Supervisor for the thesis of the "Master's Degree Course in Experimental and Applied Biology" at the University of Modena and Reggio Emilia, Department of Life Sciences, AY2023-2024, entitled: "Human epidermal growth factor receptor 2 (HER2) in breast cancer: comparison between different methods of determination." From April 2024 to January 2025.

## Skills

- Use of S.O. Windows and iOS
- Good use of Microsoft Office (Word, Excel, PowerPoint), iWork (Pages, Numbers, Keynote) and programs for image and video processing (Filemaker, iPhoto, Adobe Photoshop)
- Excellent use of the main online scientific platforms (PubMed, ISI Web of Knowledge, Scopus)
- Good use of QPath
- Good use of programs for the management of references in scientific works (EndNote)
- Expert in the use of Histolog Image software (SamanTree company) for the processing of images obtained from confocal microscope

## FURTHER INFORMATION

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### AFFILIATIONS

Member of the Italian Society of Pathological Anatomy (SIAPEC).

Member of the Italian Group of Breast Pathology (GIPaM).

### BOOKS AND BOOK CHAPTERS

- She collaborated on the Italian edition of: "Robbins and Cotran. The pathological basis of diseases". 8th Edition Kumar, Abbas, Fausto (ed.) 2010 Elsevier Italia, taking care of chapters 23 "The breast" and 29 "The eye".
- She collaborated in the realization of the volume: "Tumori Tiroidei. Past, Present, Future", 2010 edition, Vitamina Press, Perugia, taking care of Chapter 2 "Cytological diagnosis of thyroid nodule: aspirational cytology with fine needle".
- She collaborated on the Italian edition of: "Robbins and Cotran Review of Pathology 3rd ed". Klatt, Kumar. 2011 Elsevier Italia, taking care of chapters 17,21, 22, 23, 24, 25, 26, 27, 28, 29, 31.
- She collaborated on the Italian edition of: "Robbins and Cotran. The pathological basis of diseases". 9th Edition Kumar, Abbas, Fausto (ed.) 2015 Elsevier Italia, taking

care of chapter 29 "The eye".

- Author of Chapter 10: "Ex vivo Fluorescence Microscopy: clinical application in Dermatology and Surgical Pathology", Imaging in Dermatology, edizione 2016, Academic Press, Elsevier.
- Author of Chapter: "In vivo and ex-vivo confocal microscopy for Dermatologic and Mohs Surgeons", Confocal Microscopy, Dermatol Clin 4(2016) 497-504 Elsevier.
- She collaborated on the Italian edition of: "Klatt - Robbins and Cotran Atlas of Pathology 3rd ed" 2016 Elsevier Italia, taking care of the "Hematopathology" section.
- Co-Author of Chapter "Diagnostic histopathology approach" del libro "The Mediastinal Mass: A Multidisciplinary Approach", edited by Renato Franco, Frederic Marino, and Antonio Giordano, 2018 Springer.
- Author of the chapter "INVASIVE ONCOCYTIC CARCINOMA" of the volume dedicated to breast pathology of the book "Encyclopedia of Pathology", Ed. J.H.J.M. van Krieken, Springer.
- Reviewer Editor for the scientific journal "Frontiers in Medicine" (section: "Pathology" and "Breast Pathology"). <http://journal.frontiersin.org/journal/medicine#editorial-board> from 01-05-2016 to the present day

## INVITED REPORTS

- "Rectal cancer. Multidisciplinary approach." – QuestionTime: Pathological Anatomy. Bologna, 7 November 2009.
- "EX-VIVO workshop". 2nd Expert Meeting for Ex Vivo Fluorescence Laser Scanning Microscopy in Barcelona, Spain. 14 of November 2012.
- "MOLECULAR BASIS OF THYROID CANCER" Postgraduate School in Clinical Pathology, Lent Term 2015, Pavia 11 marzo 2015.
- Quality control in RER breast pathology – GIPaM. Friday, September 13, 2019. Aula Magna, Sinozzi Pavilion, Bellaria Hospital, Bologna. Report entitled "Concordance of Ki67".
- Update on classical prognostic factors in breast pathology: comparison on virtual slide (sponsored by SIAPEC – GIPaM). November 3, 2020. Webinars. Report entitled 'The ki67'.
- Comparison on virtual slide in breast pathology (sponsored by SIAPEC – GIPaM). FEBRUARY 12, 2021. Webinars. Report entitled "Concordance on Ki67".
- Molecular tests in ER+/HER2- breast cancer: the role of the pathologist (sponsored by SIAPEC – GIPaM). 25 JUNE 2021 webinar. Report entitled 'Ki67: a key element in patient selection?'
- HER2 assessment and therapeutic strategies in breast cancer in the Emilia Romagna region: the introduction of the her2-low category. 6 MARCH 2024, BOLOGNA. Presentation entitled "Complexity and critical issues in clinical cases."
- Process management in pathological anatomy: The courage to dream. 24 MAY, BERGAMO. Presentation entitled: "A.I. applied to Anatomic Pathology".
- SIAPeC-IAP 2024 National Congress of Pathological Anatomy. 9 NOVEMBER 2024, GIARDINI NAXOS. Presentation entitled: "Presentation of the GIPaM consensus document: 'Preoperative diagnostic procedures for breast lesions'."
- The Pathologist's Assistant (PA) in Italy, a possible goal. APRIL 4, REGGIO EMILIA. Presentation entitled: "How we train PAs in Modena-Reggio Emilia."

- BELOW event. APRIL 8, 2025, RIMINI. Presentation entitled: "Low HER2 expression: definition and biological significance."
- HER Challenge. MAY 22, REGGIO EMILIA. Presentation entitled: "Should we always test for HER2+ and HER2-low in metastatic disease?"
- General Surgical Pathology: critical issues, challenges, and opportunities of our times. Second Conference of the SIAPeC-IAP National Council for Central Italy. June 6, 2025, Florence. Presentation entitled: "Digital Pathology: the near future, or rather the present. Experiences and prospects: Emilia Romagna."

## Mentions

*BEST ORAL COMMUNICATION.* 3rd Intercontinental Congress of Pathology, Barcelona, Spain, May 17-22, 2008:

G. Marucci, **M.Ragazzi**, L. Morandi, E. Franceschi, R. Miglio, D. Calò, A. Pession, MP. Foschini, V. Eusebi. "Gene expression profiling in gliomas and immunohistochemical evaluation of IGFBP-2". 3rd Intercontinental Congress of Pathology, Barcelona, Spain, May 17-22, 2008. Pubblicato su *Virchows Archiv*, 2008; **452**(S1):S14 (PFP4).

*BEST ORAL COMMUNICATION.* 5th Congress of Italian Society of Anatomic Pathology and Cytopathology (SIAPEC). Bologna, Italy, September 21-25, 2010:

de Biase D, **Ragazzi M**, Asioli S, Eusebi V. "Polyomavirus DNA integration in extracutaneous merkel cell-like carcinoma". Pubblicato su *Pathologica*, 2010; **102**:281.

## Publications

Author of 131 scientific publications in international indexed journals, source SCOPUS (17 May 2026). ORCID <https://orcid.org/my-orcid?orcid=0000-0002-8761-9265>

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

"Personal data will be processed in compliance with the requirements of Legislative Decree 196/2003 and European Regulation 679/2016. It also certifies the awareness of respect for the responsibilities related to false declarations (DPR 445/2000 ar. 76)"



17 May 2026, Reggio Emilia