

PERSONAL
INFORMATION

Lucrezia Togni

WORK EXPERIENCE

A.a 2019/2020-ongoing

Ph.D. Student in Biomedical Sciences, XXXV cycles (a.a. 2019/2022).
Coordinator: Prof. Andrea Giacometti;
Tutor: Prof. Andrea Santarelli;
Department: Biomedical Sciences and Public Health, Polytechnic University of Marche, Ancona, Italy

2018/2019

Voluntary Dentistry in S.O.D Odontostomatologia Chirurgica e Speciale, Azienda Ospedaliero-Universitaria, Ospedali Riuniti Ancona, "Umberto I", "G.M. Lancisi", "G. Salesi". Director: Dott. Vittorio Zavaglia.

2019 - ongoing

Clinical trial in S.O.D Odontostomatologia Chirurgica e Speciale, Azienda Ospedaliero-Universitaria, Ospedali Riuniti Ancona, "Umberto I", "G.M. Lancisi", "G. Salesi". Director: Dott. Vittorio Zavaglia and in Dental School of Marche Polytechnic University – INRCA, Ancona, Italy.

The clinical odontostomatological cares are especially referred to oral pathology, oral oncology, oral medicine and oral surgery.

Department aims the prevention, diagnosis and treatment of odontostomatologic pathologies in patients with different abilities and in patients with osteonecrosis associated with bisphosphonates. Prevention, diagnosis and treatment of odontostomatologic pathologies in disabled patients, specially referred Down's syndrome.

Clinical activity: diagnosis and treatment of odontostomatologic pathologies in various hospitalization regime.

Sectors of interest: benign and malignant lesions of the oral cavity, salivary glands pathologies, reconstructive surgery of the jaws, implant surgery, oral surgery, piezoelectric surgery, laser surgery, orthodontics, endodontics and conservative in "special needs" patients.

Outpatient activity: basic specialist visits, emergency visits, dental laboratory linked to the activity of the department, oral hygiene in "special needs" patients.

A.a 2017-ongoing

Collaboration in research projects of Prof. Corrado Rubini (Associate Professor of Pathological Anatomy, Department of Biomedical Sciences and Public Health at Polytechnic University of Marche, Ancona, Italy. First Level Medical Director with High Specialization in Maxillo-Facial pathology, SOD Anatomia Patologica, Azienda Ospedaliero-Universitaria Ospedali Riuniti Ancona Umberto I, G.M. Lancisi, G. Salesi)

2016/2018

Local Secretary for Italian Association of Dentistry Students (AISO).

EDUCATION AND TRAINING

2019 / 2022	Ph.D. Student in Biomedical Sciences, XXXV cycles (a.a. 2019/2022). Coordinator: Prof. Andrea Giacometti; Tutor: Prof. Andrea Santarelli; Department: Biomedical Sciences and Public Health, Polytechnic University of Marche, Ancona, Italy
15 th November 2018	Qualification as Dentistry Professional, Ancona, Italy, with final mark 60/60. Membership register at “Ordine dei Medici Chirurghi ed Odontoiatri della provincia di Ancona”.
2012/2018	Polytechnic University of Marche, Ancona, Italy. Department of Clinical Specialistic and Dental Sciences. LM-46 - 2nd Level Degree in Dentistry and Dental Prosthesis Thesis title: “ <i>BRAF gene mutations in odontogenic lesions: a molecular biology analysis</i> ”. Mentor: Professor Corrado Rubini, Department of Biomedical Sciences and Public Health - Pathological Anatomy Institute. Age at graduation: 25 Official duration: 6 years. Final degree mark: 110/110 summa cum laude. Graduation date: 25/07/2018.
July 2011	Scientific High School-leaving certificate at “Liceo Scientifico Luigi di Savoia”, Ancona, Italy, final mark 100/100.

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B1	B1	B2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills

- Good interpersonal skills acquired through Hospital and University training, by direct contact with the patients and the hospital equip staff.
- Good relationships skills acquired by active participation in awareness campaigns and oral health prevention for the general population.
- Good relationships skills acquired by organization of educational paths in primary education schools and of courses for dentistry students.
- Good skills acquired relationships by carrying out the function of Local Secretary for the Italian Association of Dental Students, playing an active role as a member during campaigns aimed at the population of each age group and organization of cultural and professional events (i.e. organization of educational paths in primary education schools and of courses for dentistry students, national awareness campaigns for oral health prevention, education paths in primary education schools).

Organisational / managerial skills

- Voluntary Dentist in oral health prevention campaigns. “SCREENING LA SALUTE DELLA BOCCA. PREVENZIONE DELLE PATOLOGIE DEL CAVO ORALE DAI BAMBINI AGLI ADULTI ” certificate. Falconara marittima, 8-12 January 2019. Odontostomatologia Chirurgica e Speciale, Gruppo Amici per lo Sport, Comune di Falconara Marittima.
- Organization of educational paths in primary education schools and of courses for dentistry students.
- Voluntary activity at the Department of Neuropsychiatry, Ospedali Riuniti of Ancona, FA.NP.I.A. (FAMIGLIE NEUROPSICHIATRIA INFANZIA ADOLESCENZA ONLUS).
- Local Secretary AISO ANCONA (ITALIAN ASSOCIATION of DENTAL STUDENTS); carrying out courses for students, national prevention and awareness campaigns, educational paths in primary education schools.

Job-related skills

- Excellent command of sanitary radiological appliances.
- Working at CESMI LABORATORY INFORMATICO MEDICO for Marche Polytechnic University, Faculty of Medicine and Surgery.

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
II	II	II	II	II

Levels: Basic user - Independent user - Proficient user

Digital competences - Self-assessment grid

- Excellent command of office suite (word processor, electronic spreadsheet, internet skills, multimedia, presentation software).
- Excellent command of sanitary radiological appliances.

Driving licence B

ADDITIONAL INFORMATION

Publications	Research Projects.
Presentations	-Morphological, immunophenotypic and biomolecular diagnostic and prognostic aspects of potentially malignant and neoplastic lesions of the oral mucosa, especially regarding oral squamous cell carcinoma.
Projects	-Immunophenotypic and biomolecular characterization of tumour (benign and malignant) and non-tumour odontogenic lesions of the maxillary bones, to assess the molecules involved in cell differentiation and proliferation processes. Specially, the research activity is focused on the assessment of the Braf gene and BRAF V600E mutation, using immunohistochemistry, molecular biology techniques (PCR, Sanger sequencing, Pyrosequencing, FISH and Sequenom MassARRAY System), and gene transfection procedures on immortalized cell lines, to analyze the prognostic and biological role of Braf gene and to clarify the correlations between the mutational status and the clinico-pathological and biological characteristics of these lesions, providing biological basis for the development of personalized targeted therapies.
Conferences	-Immunohistochemical and genetic characterization of NNMT gene, in oral melanoma and odontogenic lesions, and p53-family protein, in odontogenic lesions, to study their molecular and metabolic role and lay the foundations for future identification of new therapeutic strategies based on targeted therapies.
Seminars	-Neoplastic pathology of the salivary glands: role of the Caderine-family (E and P- Caderina), Catenine-family (beta, gamma and p120), p53-family (p53, p63) and c-kit, in the carcinogenesis of malignant salivary gland neoplasms.
Honours and awards	
Memberships	
References	
Citations	
Courses	
Certifications	

Publications.

-Mascitti M, Togni L, Balercia A, Balercia P, Rubini C, Santarelli A. "*p53-Family Proteins in Odontogenic Cysts: An Immunohistochemical Study*". *Appl Immunohistochem Mol Morphol*. 2018 Dec 4. doi: 10.1097/PAI.0000000000000727. PMID:30520832.

-Marco Mascitti, Lucrezia Togni, Filippo Pirani,* , Corrado Rubini and Andrea Santarelli. "*Peripheral Odontogenic Myxoma: Report of Two New Cases with a Critical Review of the Literature*". *The Open Dentistry Journal*. Accepted: December 09, 2018. DOI: 10.2174/1874210601812011079, 2018, 12, 1079-1090.

- Marco Mascitti, Elisa Luconi, Lucrezia Togni, Alberta Barlattani, Andrea Santarelli. “*Imatinib-related hyperpigmentation of oral mucosa: case report and literature review*”. Journal of Dental Sciences. 2019 April 17. <https://doi.org/10.1016/j.jds.2019.02.005>.

-Mascitti M, Barlattani A, Togni L, Sampalmieri F, Favia G, Lo Muzio L, Santarelli A. “*Noma: a reappraisal in Western countries - are HIV-negative immunocompetent adult patients safe?*”. Journal of Biological Regulators and Homeostatic Agents. 2019 May-Jun,;33(3):957-961. PMID: 31184103.

-Lucrezia Togni, Marco Mascitti, Andrea Santarelli, Maria Contaldo, Antonio Romano, Rosario Serpico, Corrado Rubini. “*Unusual conditions impairing saliva secretion: developmental anomalies of salivary glands*”. Frontiers in Cellular and Infection Microbiology | Microbiome in Health and Disease. 2019 Jul 3;10:855. doi: 10.3389/fphys.2019.00855. eCollection 2019.

- Marco Mascitti, Lucrezia Togni, Giuseppe Troiano, Vito Carlo Alberto Caponio, Davide Bartolomeo Gissi, Lucio Montebugnoli, Maurizio Procaccini, Lorenzo Lo Muzio, Andrea Santarelli. “*Beyond head and neck cancer: the relationship between oral microbiota and tumour development in distant organs*”. Front Cell Infect Microbiol. 2019 Jun 26;9:232. doi: 10.3389/fcimb.2019.00232. eCollection 2019. Review. PMID:31297343.

- Marco Mascitti, Elisa Luconi, Lucrezia Togni, Corrado Rubini. “*Large cell neuroendocrine carcinoma of the submandibular gland: a case report and literature review*”. Pathologica. 111(2):70-75. DOI: 10.32074/1591-951X-13-19. PMID:31388199.

- Marco Mascitti, Lucrezia Togni, Giuseppe Troiano, Vito Carlo Alberto Caponio, Antonio Sabatucci, Andrea Balercia, Corrado Rubini, Lorenzo Lo Muzio, Andrea Santarelli. “*Odontogenic tumours: a 25-year epidemiological study in the Marche region of Italy*”. European Archives of Oto-Rhino-Laryngology. doi.org/10.1007/s00405-019-05683-3. 3 October 2019.

Abstracts.

-Rubini C, Togni L, Girotto R, Messi M, Valassina D, Consorti G, Balercia P. “*La casistica della chirurgia Maxillo-Facciale di Ancona dei tumori delle ghiandole salivari dal 2000 al 2016*”. **XX National Congress SICMF. Napoli, 14-17 June, 2017.**

-Mascitti M, Togni L, Rubini C, Lo Muzio L, Zhurakivska K, Arena C, Procaccini M, Santarelli A. “*Immunohistochemical expression of CD56 (NCAM) in odontogenic tumors*”. **XXIV College of University Professors of Odontostomatological Disciplines. Milan, 6-8 April, 2017.**

-Togni L, Mascitti M, Giuliani M, Lo Muzio L, Santarelli A. “*Evaluation of the AJCC Cancer Staging Manual 8th Edition in patients with OSCC*”. **14th National Congress SIPMO. Rome, 26-28 October, 2017.**

-Togni L, Sartini D, Troiano G, Lo Muzio L, Procaccini M, Emanuelli M, Santarelli A. “*NNMT: potential involvement in oral malignant melanoma*”. **XXV College of University Professors of Odontostomatological Disciplines. Rome, 12-14, April 2018.**

-Togni L, Mascitti M, Arena C, Lo Muzio L, Zizzi A, Rubini C. “*BRAF gene mutations in odontogenic lesions: a molecular biology analysis*”. **V National and I International Symposium of Italian Society of Oral Pathology and Medicine. Ancona, 19-20 October, 2018. Frontiers in Physiology – Section of Craniofacial Biology and Dental Research.**

-Morra A, Palini S, Aquilanti L Togni L, Montanari L, Piemontese M. “*Periodontitis and recurrent miscarriage: a case-control study of 41 women with medical history of recurrent miscarriage*”. **V National and I International Symposium of Italian Society of Oral Pathology and Medicine. Ancona, 19-20 October, 2018. Frontiers in Physiology – Section of Craniofacial Biology and Dental Research.**

-Badioli F, Togni L, Santarelli A, Rubini C. “*Spindle cell variant of ameloblastic carcinoma: a case report*”. **V National and I International Symposium of Italian Society of Oral Pathology and Medicine. Ancona, 19-20 October, 2018. Frontiers in Physiology – Section of Craniofacial Biology and Dental Research.**

-Palini S, Aquilanti L, Togni L, Montanari L, Mascitti M, Piemontese M. “*Chondrosarcoma of the maxilla: a case report and literature review*”. **V National and I International Symposium of Italian Society of Oral Pathology and Medicine. Ancona, 19-20 October, 2018. Frontiers in Physiology – Section of Craniofacial Biology and Dental Research.**

- Lucrezia Togni, Marco Mascitti, Davide Sartini, Monica Emanuelli, Maurizio Procaccini, Andrea Santarelli, Corrado Rubini. “*Nicotinamide N-methyltransferase: potential involvement in odontogenic lesions.*” **XXVI College of University Professors of Odontostomatological Disciplines. Naples, 11-13 April, 2019. Journal of Osseointegration.**

-Lucrezia Togni, Marco Mascitti, Corrado Rubini, Rodolfo Mauceri, Lorenzo Lo Muzio and Andrea Santarelli. “*Adenoid Cystic Carcinoma of Salivary Gland: An Immunohistochemical Study.*” **XV National and III International Congress of the Italian Society of Oral Pathology and Medicine (SIPMO), 17–19 October 2019, Bari, Italy.**

- Elisa Luconi, Lucrezia Togni, Giovanni Giannatempo, Vito Carlo Alberto Caponio, Marco Mascitti and Andrea Santarelli. "*p63 expression in Solitary and Syndromic Odontogenic Keratocysts: An immunohistochemical Study*". **XV National and III International Congress of the Italian Society of Oral Pathology and Medicine (SIPMO), 17–19 October 2019, Bari, Italy.**

- Marco Mascitti, Lucrezia Togni, Lorenzo Lo Muzio, Giuseppina Campisi, Federico Mazzoni and Andrea Santarelli. "*Odontogenic Cysts: A 30-Year Retrospective Clinicopathological Study*". **XV National and III International Congress of the Italian Society of Oral Pathology and Medicine (SIPMO), 17–19 October 2019, Bari, Italy.**

Honours and awards.

Poster session "Pathology and Oral Medicine", XXV College of University Professors of Odontostomatological Disciplines. Rome, 12-14 April, 2018.

Conferences.

-VI Regional Congress F.I.M.P. Marche: "I bambini, le parole e le azioni". 24 October 2015, Fano (PU).

-XX National Congress COI-AIOG: "Salute Orale e Benessere Oggi, e Domani?". Bologna, 8-9 April 2016.

-II Quintessenza Edizioni Congress: "La cultura odontoiatrica italiana nel mondo". Verona, 26-28 May 2016.

-XX National Congress SICMF. Napoli, 14-17 June, 2017.

-XXIV College of University Professors of Odontostomatological Disciplines. Milan, 6-8 April, 2017.

- 14th National Congress SIPMO. Rome, 26-28 October, 2017.

-WINSIXDay 2017. RIABILITAZIONI PROTESICHE SUPPORTATE DA IMPIANTI: PROTOCOLLI SPERIMENTALI E CLINICI "dalle terapie mininvasive all'approccio digitale". 11-13 May 2017, Portonovo di Ancona.

- XXV College of University Professors of Odontostomatological Disciplines. Rome, 12-14, April 2018.

-V National and I International Symposium of Italian Society of Oral Pathology and Medicine. Ancona, 19-20 October, 2018.

- SME/SAE Regional Endodontic Day: "Endodonzia: tecniche di base e gestione dei casi complessi". Ancona, 3 March 2018.

-XXVI College of University Professors of Odontostomatological Disciplines. Naples, 11-13 April, 2019.

-WINSIXDay 2019. LONGEVITÀ E IMPLANTOLOGIA: CORRELAZIONE CHE ACCOMPAGNA IL FUTURO DEL DENTALE. 9-11 May 2019, Portonovo di Ancona.

-Marche Regional Congress S.I.O.H.: “PRESA IN CARICO ED APPROCCIO MULTIDISCIPLINARE: LE NUOVE PROSPETTIVE CLINICHE PER LA GESTIONE DEL PAZIENTE FRAGILE”. Ancona, 15 June 2019.

-SIOCMF Congress: "Attualità in impianto-protesi e chirurgia orale: tecniche tradizionali e digitali a confronto". Ancona, 26 June 2019.

Certificate Training Courses.

-ECCE (European Cleft and Craniofacial Initiative for Equality In Care). Training School 23-27th March 2019. University of Malta Valletta Campus.

- “SCREENING LA SALUTE DELLA BOCCA. PREVENZIONE DELLE PATOLOGIE DEL CAVO ORALE DAI BAMBINI AGLI ADULTI ” certificate. Falconara marittima, 8-12 Gennaio 2019. Odontostomatologia Chirurgica e Speciale, Gruppo Amici per lo Sport, Comune di Falconara Marittima.

-: “Nuova Tecnica Implantare Minimamente Invasiva per Creste Sottili”, Prof. Tomaso Vercellotti, MECTRON. Ancona, 15 June 2019

-AIO and ANDI Ferrara: “LESIONI RADIOTRASPARENTI DEI MASCELLARI: UN APPROCCIO RAZIONALE”. Speaker: Dott. Roberto Barone. Ferrara, 29 November 2019.

- “Meeting di patologia e citologia delle ghiandola salivari”. Istituto Auxiologico Italiano. Milano, 6 February, 2020.

Memberships.

Local Secretary for Italian Association of Dentistry Students (AISO).

Ordinary member: SIPMO (Società Italiana di Patologia e Medicina Orale), ANDI (Associazione Nazionale Dentisti Italiani), AISO (Associazione Italiana Studenti di Odontoiatria), SIE (Società Italiana di Endodonzia), AIO (Associazione Italiana Odontoiatri).

Lucrezia Togni