

PERSONAL INFORMATION Elena Cantone



under criminal penalties in case of false statements and resulting in the forfeiture of any benefits which might have been obtained (pursuant to articles 75 and 76 of Presidential Decree no.445/2000)

HEREBY DECLARES UNDER HIS/HER OWN RESPONSIBILITY**OBJECTIVE**

Present: Associate Professor Medical officer, Clinical Assistant and Lecturer “Federico II University of Naples”

2018-2021: RTDb MED/31, Assistant Professor, Medical officer, Clinical Assistant and Lecturer “Federico II University of Naples”

Associate Professor Scientific Qualification 06/F3-MED/31 _2017/26

Full Professor Scientific Qualification 06/F3- MED/31 _2020/29

lecturer at the following degree and specialization courses:

Scuola di medicina, Università degli studi di Napoli Federico II

School of medicine, University of Naples "Federico II"

Dental School, University of Naples "Federico II"

Scuola di specializzazione in chirurgia Orale, Università degli studi di Napoli Federico II

Scuola di specializzazione in Ortognatodonzia, Università degli studi di Napoli Federico II

Scuola di specializzazione in Pediatria, Università degli studi di Napoli Federico II

Scuola di specializzazione in Otorinolaringoiatria, Università degli studi di Napoli Federico II

Corso di Laurea in Logopedia, Università degli studi di Napoli Federico II

Corso di studi in Scienze riabilitative e delle professioni sanitarie, Università degli studi di Napoli Federico II

OCCUPATION

Present: Associate Professor Medical officer, Clinical Assistant and Lecturer “Federico II University of Naples”

2018-2021: RTDb MED/31, Assistant Professor, Medical Doctor “Federico II University of Naples”

From 2006 to Dec 2018 ENT Medical Doctor AOU Federico II Naples

SKILLS

Rhinology

Voice and speech disorders

Allergology

Smell and taste

Pediatric ENT Pathologies (Cystic fibrosis, Primary ciliar dyskinesia, MPS, S. di Down, syndromes)

Newborn ENT pathologies

SDB OSAS

Nasal cytology

ENT endoscopy

Head and Neck oncology

Neuroimaging

fMRI

Molecular pathology and physiopathology

EDUCATION

1992 Classical High School, Liceo Classico “D. Cirillo”, Aversa**21/07/1998** **MEDICINE DEGREE** Università degli Studi di Napoli “Federico II” *full marks: 110/110 cum laude***30/10/2002** **GRADUATE SCHOOL OTORHINOLARYNGOLOGY** Università degli Studi di Napoli “Federico II” D.Lgs. n. 257 del 08/08/1991: *full marks: 70/70 cum laude.***07/05/2015** **PHD IN MOLECULAR PATHOLOGY AND PATHOPHYSIOLOGY**, XXVII cycle, School of Molecular Medicine Università degli Studi di Napoli “Federico II”**2015** **TRAINING COURSE FOR QUALIFIED DOCTOR IN SLEEP OBSTRUCTIVE RESPIRATORY DISORDERS EOSDRS** Blended, AIMS e SIO.**2012-2014** **MASTER IN NASAL CYTOLOGY** I (2012) and II (2014)**2017-2018** **MASTER II RHINOALLERGOLOGY** Università di Roma “La Sapienza”. *full marks: 110/110 cum laude*WORK
EXPERIENCE**Present: Associate Professor** Medical officer, Clinical Assistant and Lecturer “Federico II University of Naples”**2018-2021**

ENT Assistant Professor, Medical officer, Clinical Assistant and Lecturer “Federico II University of Naples”

2006-2018

Medical officer, Clinical Assistant and Lecturer “Federico II University of Naples”

2005-2007SPA Doctor Terme di Stabia, Castellamare di Stabia, (NA)**2005-2006**Attending doctor Ospedale S. G. Moscati” di Monteforte Irpino (Av)**2004-2006**Attending doctor Ospedale S”.G. Moscati” di Aversa (CE):**2003-2004**SPA Doctor Terme Luigiane, Guardia Piemontese (Cosenza)**2002-2013**ENT Medical Doctor ASL/CE, ASL NA**2002-2005**Clinical Assistant Clinica “Villa Fiorita-SPA” Aversa (CE)**2002-2011**SPA Doctor Terme di Agnano, (NA): Medico termalista otorinolaringoiatra con rapporto libero professionale.**Dal 2001 present**Legal Medical Doctor Tribunale di Santa Maria Capua Vetere (CE)**2020 present**

Member

Global Consortium for Chemosensory Research (GCCR)

2010 presentResearch group Coordinator “Study of chemical senses” Università di Salerno.**2017**

"Olfactory study in Italy", International group Prof. Thomas Hummel, Dresda, Germania.

2014

Member of Kallmann Syndrome Neuroradiological Study Group.

1998-2002

Resident Doctor

"Federico II University of Naples"

2012

Project: "Neural representation of carbonation and carbonation-induced neuromodulation on other flavors", Università degli studi di Napoli, "Federico II".

2007-2008

University of Maastrich, The Netherlands Faculty of Psychology and Neuroscience: Collaboration with the international research group of the University of Maastricht Holland, on investigation techniques of the central nervous system with particular regard to the auditory system.

2007

University of Maastrich, The Netherlands Faculty of Psychology and Neuroscience: participation in the research project on the functional study of the auditory system and on the generation of tinnitus.

Collaboration with important international study and research centers (Service d'Endocrinologie et Maladies de la Reproduction, Assistance Publique Hôpitaux de Paris, Hôpital de Bicêtre, Université Paris Sud, 94275, Le Kremlin-Bicêtre, France; Smell and Taste Clinic, Department of Otorhinolaryngology, TU Dresden, Dresden, Germany; University of Maastrich, the Netherlands Faculty of Psychology and Neuroscience; Eskisehir Osmangazi University, Medical Faculty, Department of Otorhinolaryngology, Eskisehir, Turkey)

"Elements of hygiene" in the training course as a socio-health worker at the FORM.IT body in Naples.

LECTURES

2011

"Guidelines on blood management" Audit 27/05/2011, seminar for the UOC of Otolaryngology, University of Naples "Federico II".

2011-2012

Contract professor for the integrated internship course. Three-year Degree Course in Speech Therapy, University of Naples "Federico II".

2012-2013

Contract professor for the course of "Physiopathology of the sense organs". School of Specialization in Otolaryngology, University of Naples "Federico II".

2013

Evaluation of the Olfactory System. Integrative didactic activity - New diagnostic approaches of the nasal sinus area. University of Naples "Federico II" Naples, 06/05/2013

2014

Role of nasal cytology in rhinological diagnostics. Integrative didactic activity - New diagnostic approaches of the nasal sinus area. University of Naples "Federico II" Naples, 06/05/2014.

Pathophysiology of the chemical senses. University of Naples "Federico II" Naples, Pediatrics, Seminar held on 04/28/2014.

2015

"ENT classification in OSA: hints of diagnosis and therapy in children and adults." Advanced course on OSAS. University of Naples "Federico II" Naples, Dentistry, 18/12/2015.

2015-2016

Contract professor for the course of "Physiopathology of the sense organs". School of Specialization in Otolaryngology, University of Naples "Federico II".

2016 present

Tutor for the School of Specialization in Otolaryngology, University of Naples "Federico II"

2016-2017

Contract professor for the course of "Physiopathology of the sense organs". School of Specialization in Otolaryngology, University of Naples "Federico II"

11/01/2017

Educational contribution for the School of Specialization in Otolaryngology at the request of the Director of the same with a lesson on "Physiopathology of the chemical senses (smell, taste and trigeminal) of ENT interest." School of Specialization in Otolaryngology, University of Naples "Federico II", (Prot. 77-2017)

15/03/2019 - present

Teaching for the pediatric OSAS module. Master in Sleep Dentistry. Director: Prof. G. A. Bonetti. Bologna 15/03/2019

20/03/2019-present

ENT teaching for the Dentistry Master's Degree Course. Prot. 135 of 26/02/2019

AA2019-present

DOT1328517 Teaching -PhD TRANSLATIONAL MEDICINE FOR DEVELOPMENT AND ACTIVE AGING,

XXXV cycle - University of Salerno

2018/2019

08752	OTORHINOLARYNGOLOGY	PATHOLOGY AND MAXILLO-FACIAL THERAPY (28322)
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2019/2020

08751	OTORHINOLARYNGOLOGY	CLINICAL MEDICINE (18684)
08752	OTORHINOLARYNGOLOGY	PATHOLOGY AND MAXILLO-FACIAL THERAPY (28322)
08752	OTORHINOLARYNGOLOGY	C.I. METHODOLOGY OF SCIENTIFIC RESEARCH AND CLINICAL APPLICATIONS IN REHABILITATION (31989)
08753	OTORHINOLARYNGOLOGY	INTEGRATED CLINICAL MEDICINE COURSE (03295)
13268	OTORHINOLARYNGOLOGY I	MULTIDISCIPLINARY FRAMEWORK OF THE PHONETIC-PHONOLOGICAL ASPECT LANGUAGE (32606)
21574	APPLIED MEDICAL TECHNICAL SCIENCES	SEMIO-ETHICS, SEMIOSIS AND MORPHOLOGY IN SPEECH THERAPY (32604)
U1512	OTORHINOLARYNGOLOGY	Head and Neck and Sensory organs diseases (U1510)

2020/2021

08751	OTORHINOLARYNGOLOGY	Head and Neck and Sensory organs diseases (18676)
08752	OTORHINOLARYNGOLOGY	PATHOLOGY AND MAXILLO-FACIAL THERAPY (28322)
08752	OTORHINOLARYNGOLOGY	C.I. METHODOLOGY OF SCIENTIFIC RESEARCH AND CLINICAL APPLICATIONS IN REHABILITATION (31989)
08753	OTORHINOLARYNGOLOGY	INTEGRATED CLINICAL MEDICINE COURSE (03295)
13268	OTORHINOLARYNGOLOGY I	MULTIDISCIPLINARY FRAMEWORK OF THE PHONETIC-PHONOLOGICAL OF LANGUAGE (32606)
13272	OTORHINOLARYNGOLOGY II	IDENTIFICATION AND MANAGEMENT OF SPEECH THERAPY FOR DYSPHIA DEAFNESS (32607)
13279	OTORHINOLARYNGOLOGY IV	MULTIDISCIPLINARY FRAMEWORK OF THE PHONETIC-PHONOLOGICAL OF LANGUAGE (32611)
21574	APPLIED MEDICAL TECHNICAL SCIENCES	SEMIO-ETHICS, SEMIOSIS AND MORPHOLOGY IN SPEECH THERAPY(32604)
U1305	AFP - PATHOLOGY OF THE HEAD AND NECK-SENSE ORGANS	PATHOLOGY OF THE HEAD AND NECK-SENSE ORGANS (18676)
U1512	Otorhinolaryngology (School of Medicine in English)	Head and Neck and Sensory organs diseases (U1510)

THESIS
SUPERVISOR

1. "Diagnostic-therapeutic algorithm of rhinoliquoral fistulas; evaluation of the results of transnasal endoscopic treatment. " Candidate: Giulia Foschi. SCHOOL OF SPECIALIZATION IN ENT. University of Naples "Federico II"
2. "Assessment of QoL with the use of GBI in patients undergoing endoscopic dacryocystorhinostomy with the use of piezoelectric scalpel" Candidate: Aldo Torrisi. SCHOOL OF SPECIALIZATION IN ENT. "University of Naples" Federico II
3. N.ro 2 Thesis in DEGREE COURSE IN SPEECH THERAPY
4. N.ro 3 Thesis in Medical officer, Clinical Assistant and Lecturer "Federico II University of Naples"

TUTOR

1. SCHOOL OF SPECIALIZATION IN ENT. "University of Naples" Federico II "Currently supervisor for the preparation of a specialization thesis.
2. MASTER DEGREE IN HEALTH PROFESSIONALS. "University of Naples" Federico II ".
COORDINATOR Currently tutoring 4 students and supervisor for the preparation of 5 master's degree theses in the Health Professions.
3. DEGREE COURSE IN SPEECH THERAPY "University of Naples "Federico II" Currently supervisor for the preparation of a degree thesis in Speech Therapy.
4. SCHOOL OF MEDICINE "University of Naples" Federico II "

OPERATING CASES

Prof. Dr. Cantone has participated in more than 2209 operations of high, small and medium surgery, many of which as the first operator.

REVIEWER

Acta Otorhinolaryngol Ital, Flavor and Fragrance, Clin Otolaryngol, Am j of allergy and rhinology, EJCN nature.

EDITORIAL BOARD

Editorial board member "The Rhinologist".

Scientific Societies

SIR, GCORL

PATENTS

Participation in research that contributed to the development of the Flavor patent N.FI2014A000229 and obtained scientific publication in the paper: "Maione L, Cantone E, Nettore IC, Cerbone G, De Brasi D, Maione N, Young J, Di Somma C, Sinisi AA, Iengo M, Macchia PE, Pivonello R, Colao A. Flavor perception test: evaluation in patients with Kallmann syndrome. ENDOCRINE. 2015 Jul 25. "

Participation in research that contributed to the development of the digital pressure gauge (Gamerra patented); the results of these researches are reported in the attached work and in the paper: M. Gamerra *, E. Cantone *, et al. Mathematical model for preoperative identification of obstructed nasal subsites. ACTA OTORHINOLARYNGOLOGICA ITALICA 2017 Oct; 37 (5): 410-415.doi: 10.14639 / 0392-100X-1385, for which the undersigned is the first author in co-authorship.

The procedure for the patent relating to a delivery system for MR compatible taste solutions aimed at studying the chemical senses in neurodegeneration is currently underway.

**AWARDS
AND
ACKNOWLEDGMENTS**

- 1) AUORL Award best specialization thesis of 2002.
- 2) Poster Award 2014. Carbonation: a neural modulator of taste. II IAR Congress, Catania 2014.
- 3) Poster Award 2015. Naso-sinus manometry: a bio-physical model applied to functional endoscopic surgery of the nose and paranasal sinuses. III IAR Congress, Rome 2015.
- 4) Co-author of the paper: "An" ex vivo model "contributing to the diagnosis and to the evaluation of new drugs in cystic fibrosis. Acta Otorhinolaryngol Ital. 2017 Jun; 37 (3): 207-213. ISSN 0392-100X "winner of the 2017 Sulenti award, SIO Congress May 2017, Sorrento (NA)

FELLOWSHIP

Fellowship: Faculty of Psychology and Neuroscience, Maastricht University, Maastricht, The Netherlands.

LANGUAGES

Italian, English

PUBLICATIONS

1. **E. Cantone**, R. Iovine e D. Testa. *La Papillomatosi Laringea* - ORL giovani ORL Centro Sud – Magazine N° 3 Luglio - Settembre 2000, p.6-7
2. C. Carli, F. Ricciardiello, A. Di Fraia, **E. Cantone**, R. Testa. *Chirurgia funzionale ed estetica del naso nell'età di mezzo*. Quaderni di medicina e chirurgia - Napoli 2002- 18 (1) ISSN, 03935930
3. Ricciardiello F., Cesari U., **Cantone E.**, Galli V. *La Sindrome di Escobar: contributo del foniatra e del logopedista*. Acta Phoniatica Latina – Vol XXV n..4, 2003 pag 390-5 ISSN: 0392-3088
4. Malafrente G., Filosa B., **Cantone E.** *New Macroscopic Classification of Stapedio-Ovalar Otosclerosis: A Simplified Rating for Training in Stapedotomy*. Otol Neurotol. 2008 Oct;29(7):889-92 ISSN15317129
Impact factor 1.598,
5. M. Mesolella, M. Cimmino, **E. Cantone**, R. Grassia, R. Tomaiuolo, G. Castaldo, V. Raia. *Nasal polyposis in atypical cystic fibrosis: A case report*. International Journal of Pediatric Otorhinolaryngology Extra, Volume 5, Issue 4 , Pages 167-169, December 2010. ISSN 18714048
Impact factor 1.159
6. F. Di Salle, **E. Cantone**, G. Auletta, E. Marciano. *Functional dissection of auditory cortex with magnetic resonance imaging*. Audiological medicine. July 2010, Vol. 8, No. 2 , Pages 88-99 ISSN, 16513835, 1651386
7. M. Mesolella, **E. Cantone**, V. Cappello, G. Norino, V. Indolfi, A. Di Lullo, M. Iengo. *Ruolo della riabilitazione tubarica nell'otite media secretiva*. Il Valsala. VOL LXXXVI-1-2, 2010; pag. 5-8. ISSN:0042-2371
8. V. Verlezza, G. Sarnelli, L. Vozzella, F. De Giorgi, P. Andreozzi, F. P. Zito, **E. Cantone**, M. Pesce and R. Cuomo. *Altered taste perception in patients with gastroesophageal reflux disease*. Ital Special Issue: Abstracts of the Joint International Neurogastroenterology and Motility Meeting, 6-8 September 2012, Bologna, Italy September 2012 Volume 24, Issue Supplement s2. Online ISSN: 1365-2982
Impact Factor: 3.617, Q1
9. M. Mesolella, M. Cimmino, **E Cantone** et al. *Management of otolaryngological manifestations in the mucopolysaccharidoses: our experience*. Acta otorhinolaryngologica italica. Aug 2013;33:267-272. ISSN:0392-100X

Impact factor 1.439, Q2

10. Massimo Mesolella, **Elena Cantone**, Vieri Galli, Maurizio Iengo. *Challenging Management of a Giant Sublingual Dermoid Cyst Rapidly Enlarged Throughout Pregnancy and Influence of Hormonal Factors*. Surgical Science Vol.4, N.3 March 2013. ISSN Print: 2157-9407

11. Francesco Di Salle, **Elena Cantone**, Maria Flavia Savarese, Adriana Aragri, Anna Prinster, Emanuele Nicolai, Giovanni Sarnelli, Viviana Verlezza, Maurizio Iengo, Maxime Buyckx, Rosario Cuomo. *Effect of carbonation on the brain processing of sweet stimuli in humans*. Gastroenterology. 2013 Sep;145(3):537-539. ISSN: 0016 5085

Impact factor 18,187

12. R. Manara, A. Salvalaggio, V. Palumbo, G. Bonanni, N. Greggio, E. Napoli, A. D'Errico, **E. Cantone**, G. Ottaviano, D. Visconti, A. Favaro, A. Brunetti, F. Di Salle, A. Sinisi. *Reduction of primary motor cortex thickness ipsilaterally to involuntary hand movements in males with Kallmann Syndrome and mirror movements*. JEI Vol 36, suppl. to N. 5, 2013, pp73 ISSN: 1720-8386

Impact factor 2.633

13. Salvalaggio, A. D'Errico, R. Manara, V. Citton, V. Palumbo, G. Bonanni, N. Greggio, E. Napoli, **E. Cantone**, G. Ottaviano, A. Favaro, A. Elefante, A. Brunetti, F. Di Salle, A. Sinisi. *Olfactory function in male Kallmann Syndrome: correlation with olfactory bulbs volume and frontal cortex gyri's depth*. JEI Vol 36, suppl. to N. 5, 2013. Pp73 ISSN: 1720-8386

Impact factor 2.633

14. **Elena Cantone**, Anna Marino, Giovanni Castagna, Stefania Sicignano, Felice Rega, Vittoria Di Rubbo, Maurizio Iengo. *A novel approach to manage recurrent epistaxis in HHT outpatients: A series of 3 cases and review of literature*. Am J Emerg 2014 Aug;32(8):952.e1-2.. ISSN: 0735-6757

Impact factor 1.494

15. Manara R, Salvalaggio A, Favaro A, Palumbo V, Citton V, Elefante A, Brunetti A, Di Salle F, Bonanni G, Sinisi AA; for the Kallmann Syndrome Neuroradiological Study Group. **Cantone E.** member of the Kallmann Syndrome Neuroradiological Study Group. *Brain changes in Kallmann syndrome*. AJNR Am J Neuroradiol. 2014 Sep;35(9):1700-6

Impact Factor of 3.675, Q1

16. Santamaria F., Esposito M. Montella S., **Cantone E.**, et al. *Sleep disordered breathing and airway disease in primary ciliary dyskinesia*. Respirology, 2014, May;19(4):570-5. ISSN1323-7799

Impact Factor: 3.495, Q1

17. **Cantone E.** Iengo M. *Le manifestazioni otorinolaringoiatriche nelle cromosomopatie*. Pneumologia Pediatrica, 2014, vol 14,53 pp22-28

18. **Elena Cantone**, Giovanni Castagna, Stefania Sicignano, Immacolata Ferranti, Felice Rega, Vittoria Di Rubbo and Maurizio Iengo. *Impact of intranasal sodium hyaluronate on the short-term quality of life of patients undergoing functional endoscopic sinus surgery for chronic rhinosinusitis*. Int Forum Allergy Rhinol. 2014 Jun;4(6):484-7 ISSN: 2042-6976.

Impact Factor: 2.371

19. De Luca R., Gamerra M., Sorrentino G., **Cantone E.** *Nose and sinus air flow model*. Natural Science, 2014, 6, 685-690. ISSN, 2150-4091

20. **Elena Cantone**, Luigi Greco, Gabriella Morini, Rossella Negri. *Il "sapore" dei batteri. the bitter taste of gram-negative infections*. Medico e Bambino 2014;33(7):439-444. ISSN: 15913090

21. **Elena Cantone**, Massimo De Clemente, Giovanni Castagna, Luigi Sodano. *Il trattamento chirurgico delle rinosinusiti*. Medical network, 2-2014, pp21-23
22. Renzo Manara; Alessandro Salvalaggio; Valentina Citton; Vincenzo Palumbo; Arianna D'Errico; Andrea Elefante; Chiara Briani; **Elena Cantone**; Giancarlo Ottaviano; Mariateresa Pellecchia; Nella A Greggio; Luca Weis; Marco Rossato , MD; Gianfranco D'Agosto; Eugenio De Carlo , MD; Elvira Napoli, MD; Giangennaro Coppola , MD; Francesco Di Salle; Arturo Brunetti; Guglielmo Bonanni; Antonio A Sinisi; Angela Favaro. *Brain anatomical substrates of mirror movements in Kallmann syndrome*. Neuroimage 2015, Jan 1;104:52-8 ISSN: 1053-8119
Impact Factor: 6.132, Q1
23. L. Maione, I.C. Nettore, A. Colao, R. Pivonello, **E. Cantone**, N. Maione, C. Eloit, J. Young. *Altération de la perception des goûts chez des patients avec syndrome de Kallmann: une atteinte neurosensorielle méconnue*. Annales d'Endocrinologie, Volume 75, Issues 5–6, October 2014, Page 272. ISSN: 0003-4266
Impact Factor: 0.664
24. **Elena Cantone**, A. Marino, I. Ferranti, G. Castagna, N. Maione, V. Di Rubbo, M. Iengo. *Nasal cytological assessment after crenotherapy in the treatment of chronic rhinosinusitis in the elderly*. International journal of immunopathology and pharmacology; 2014 Oct-Dec;27(4):683-7 ISSN: 2058-7384
Impact Factor: 2.507
25. Manara R, Brotto D, Ghiselli S, Mardari R, Toldo I, Schifani G, **Cantone E**, et al. *Cranial nerve abnormalities in Oculo-Auriculo-Vertebral Spectrum*. AJNR Am J Neuroradiol. 2015 Jul;36(7):1375-80 ISSN, 1936-959X
Impact Factor of 3.675, Q1
26. **Elena Cantone**, Nunzia Maione, Vittoria Di Rubbo, Fabrizio Esposito, Maurizio Iengo. *Olfactory performance after crenotherapy in chronic rhinosinusitis in the elderly*. The Laryngoscope. 2015 Jul;125(7):1529-34. ISSN 0023-852X.
Impact Factor of 2.032, Q1
27. **Cantone E**, Marino A, Ferranti I, Iengo M. *Nonallergic Rhinitis in the Elderly: A Reliable and Safe Therapeutic Approach*. ORL J Otorhinolaryngol Relat Spec. 2015 Apr 23;77(3):117-122. ISSN:0301-1569
Impact Factor of 0.667
28. Ottaviano G, **Cantone E**, D'Errico A, Salvalaggio A, Citton V, Scarpa B, Favaro A, Sinisi AA, Liuzzi R, Bonanni G, Di Salle F, Elefante A, Manara R, Staffieri A, Martini A, Brunetti A. *Sniffin' Sticks and olfactory system imaging in patients with Kallmann syndrome*. Int Forum Allergy Rhinol. 2015 Sep;5(9):855-61. ISSN: 2042-6976
Impact Factor of 2.371, Q2
29. **Cantone E**. Cavaliere M., Castagna G. et al. *Operative management of OSAS in a complex case of Proteus syndrome*. Case Rep Otolaryngol. 2015;2015:137589. ISSN 2468-5488
30. **Cantone Elena**, Anna Prinster, Rossella Cuofano, Antonella Miriam Di Lullo, Rosario Cuomo, Francesco Di Salle and Maurizio Iengo. *CO2 Modulates the Central Neural Processing of Sucrose Perception*. J Neurol Disord 2015, 3:1
31. A.M. Monteleone, F. Esposito, A. Prinster, **E. Cantone**, U. Volpe F. Pellegrino, M. Nigro, A. Canna, F. Di Salle, P. Monteleone. *Pleasant and Aversive Taste Perception in Anorexia Nervosa: a Functional MRI Study*. European Psychiatry 30:1491 March 2015 ISSN: 0924-9338 .
Impact Factor: 3.44, Q1
32. **Maione L***, **Cantone E***, Nettore IC, Cerbone G, De Brasi D, Maione N, Young J, Di Somma C, Sinisi AA, Iengo M, Macchia PE, Pivonello R, Colao A. *Flavor perception test:*

evaluation in patients with Kallmann syndrome. Endocrine. 2016 May;52(2):236-43. ISSN: 1355-008X

Impact Factor of 3.878, co-authorship, Q2

33. **Cantone Elena**, Giovanni Castagna, Immacolata Ferranti, Mariano Cimmino, Stefania Sicignano, Felice Rega, Vittoria Di Rubbo, Maurizio Iengo. *Concha bullosa related headache disability.* European Review for Medical and Pharmacological Sciences. 2015;19(13):2327-30 ISSN 1128-3602
Impact Factor: 1.231,
34. **E. Cantone**, A. Prinster, M. Iengo. *Central and Peripheral Lateral Inhibitory Effect of CO2 on Sweet Perception.* CellR4 2015; 3 (6): e1746. ISSN 2329-7042
35. Iorio B, **Cantone E**, Capuano D, Di Lullo AM, Petruzzi G, Villani R, Oliva F, Meselella M, Ricciardiello F. *DM II e rischio di carcinoma laringeo: studio pilota.* Frontiera ORL - Anno VII, N.1 – Marzo 2016, pag 39-43. ISSN: 2038-4793
36. **Cantone E**, Giurazza F, Piro E, Cavaliere M, Ricciardiello F, Di Lullo AM. *Melanoma maligno della mucosa naso sinusale: caso clinico e revisione della letteratura.* Frontiera ORL - Anno VII, N.1 – Marzo 2016, pag 45-55. ISSN: 2038-4793
37. **Cantone E**, Di Lullo AM, Catalano L, Coppola M, Capriglione P, Brando F, Ricciardiello F. *Aggiornamento sul trattamento e follow-up del plasmocitoma solitario extramidollare nasosinusale.* Frontiera ORL - Anno VII, N.1 – Marzo 2016, pag 56-67. ISSN: 2038-4793
38. Ricciardiello F, Abate T, Di Lullo AM, Della Peruta V, Brando F, **Cantone E**, Meselella M. *Tumore di Warthin della parotide: grave complicanza dopo esecuzione del FNAC.* Frontiera ORL - Anno VII, N.1 – Marzo 2016, pag 92-98. ISSN: 2038-4793
39. Ricciardiello F, Petruzzi G, Misso G, Abate T, Oliva F, **Cantone E**, Meselella M. *Fattori prognostici predittivi di metastatizzazione linfonodale del carcinoma squamocellulare della laringe.* Frontiera ORL - Anno VII, N.1 – Marzo 2016, pag 20-38. ISSN: 2038-4793
40. Ricciardiello F, Brando F, Abate T, Oliva F, **Cantone E**, et al. *Mioepitelioma della ghiandola parotide.* Frontiera ORL - Anno VII, N.1 – Marzo 2016, pag 92-98. ISSN 2038-4793
41. Gelardi M, Taliente S, Fiorella ML, Quaranta N, De Candia N, Russo C, Mola P, Ciofalo A, Zambetti G, **Cantone E**, Arnone F, Macchi A, Rosso P, Ciprandi G. *Intranasal T-LysYal® as adjunctive therapy for patients after functional endoscopic sinus surgery.* J Biol Regul Homeost Agents. 2016 Jan-Mar;30(1):277-84. ISSN 0393-974X
Impact Factor of 2.040
42. Gelardi M, Taliente S, Fiorella ML, Quaranta N, Ciancio G, Russo C, Mola P, Ciofalo A, Zambetti G, Caruso Armone A, **Cantone E**, Ciprandi G. *Ancillary therapy of intranasal T-LysYal® for patients with allergic, non-allergic, and mixed rhinitis.* J Biol Regul Homeost Agents. 2016 Jan-Mar;30(1):255-62. ISSN 0393-974X
Impact Factor of 2.040
43. Montella S, **Cantone E**, Maglione M, Iengo M, Santamaria F. *Sodium hyaluronate improves quality of life and nasal endoscopy features in preschool children with upper respiratory tract infections.* J Biol Regul Homeost Agents. 2016 Jan-Mar;30(1):303-8. ISSN 0393-974X
Impact Factor of 2.040
44. **Elena Cantone**, Maurizio Iengo. *Effect of sodium hyaluronate added to topical corticosteroids in chronic rhinosinusitis with nasal polyposis.* American journal of rhinology & allergy. 2016 Sep 2;30(5):340-343 ISSN 1945-8924.
Impact Factor of 2.178, Q2

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Submitted

**OFFICIAL CONGRESS
REPORTS**

Author of a monograph on taste.

Elena Cantone. "Functional organization of chemical senses: central neural processing"
Italian Academic Editions 2015

6 official congress report:

1) G. Motta, M. Cavaliere, E. Cantone, F. Santoro, E. Esposito La papillomatosi. Ne "Il laser a CO2 nella chirurgia endoscopica della Laringe" Official report: LXXXVIII SIO Congress p 49-60 Genova 24-26 Maggio 2001.

2) "Il laser a CO2 nella chirurgia endoscopica della Laringe" CD a cura di G. Motta e M. Salafia con la collaborazione di E. Esposito, D. Testa, E. Cantone et al. LXXXVIII SIO Congress – Genova Official report 24-26 Maggio 2001.

3) "Il laser a CO2 nella chirurgia endoscopica della Laringe" Atlante iconografico a cura di G. Motta e M. Salafia con la collaborazione di E. Esposito, D. Testa, E. Cantone et al. LXXXVIII SIO Congress – Official report Genova 24-26 Maggio 2001

4) F. Di Salle, R. Manara, E. Cantone. "Neuroanatomia per immagini della percezione uditiva/verbale ne Percezione uditiva e patologie del linguaggio." Official Report, XXXIV SIAF Congress Venezia 16-19 Ottobre 2013.

5) Iengo M, Mesolella M, Cavaliere M, Cantone E. "Mucopolisaccaridosi aspetti clinici e riabilitativi." Official report XXIII SIOP Congress. Roma 2015

6) Macchi A, Cantone E., Hummel T, et al. L'olfatto: metodologia diagnostica e terapeutica, ne "EVOLUZIONE ED INNOVAZIONE NELLA GESTIONE DELLA PATOLOGIA RINOSINUSALE" a cura di E. XL AOOI congress. Official report, Matera 7-8 ottobre 2016.

**COMMUNICATIONS
AND INVITED
LECTURES**

104 COMMUNICATIONS AT NATIONAL AND INTERNATIONAL CONGRESSES

CHAPTER IN BOOKS

47 INVITED LECTURES AT NATIONAL AND INTERNATIONAL CONGRESSES

MEMBER OF FACULTY IN 18 COURSES

1) V. Galli, M. Polce, M. Mesolella, R. Iovine, E. Cantone, D. Testa, Obstructive Sleep Apnea Syndrome, an Unknown Pathology in Children. In *Surgery for Snoring and Obstructive sleep*

- 2) "Patologia Testa Collo ed organi di senso" Bonavolontà, Califano, Cennamo, Iengo. Edizioni Idelson Gnocchi, 2012, Napoli.

RESEARCH PROJECTS

PARTICIPATION IN 48 TRAINING COURSES

- 1) "Neural representation of carbonation and neuromodulation induced by carbonation on other tastes". University of Naples "Federico II"
- 2) "Visualization and modulation of the brain areas involved in gustatory processing." Faculty of Psychology and Neuroscience, Maastricht
- 3) "Functional study of the auditory system and the generation of tinnitus" Faculty of Psychology and Neuroscience, Maastricht University, Maastricht, The Netherlands
- 4) "The taste of bacteria: Identifying the risk of recurrence of Chronic Rhinosinusitis. University of Naples "Federico II"
- 5) "TASR 38 genotype and CRS in Cystic Fibrosis, University of Naples" Federico II
- 6) "Olfactometry and Flavor test in the Parkinson disease "University of Naples" Federico II"
- 7) Collaboration with Metis Healthcare, study of paraprobiotics in recurrent inflammation of the upper respiratory tract
- 8) "Bitter receptors and chronic rhinosinusitis" University of Naples "Federico II"
- 9) "Neuroimaging in the differential diagnostic of inverted papillomas" University of Naples "Federico II"
- 10) "OSAS and speech rehabilitation" University of Naples "Federico II"
- 11) "Physiopathology of olfactory dysfunctions" University of Naples "Federico II"
- 12) "Taste and obesity" University of Naples "Federico II"
- 13) Gustotopy and fMRI "University of Naples" Federico II ", Faculty of Psychology and Neuroscience, Maastricht University, Maastricht, The Netherlands
- 14) "Septoplasty outcomes" University of Naples "Federico II"
- 15) "Digital manometry and glottic pressure" University of Naples "Federico II"
- 16) QoL and RT "University of Naples" Federico II "
- 17) "Genotyping and endotyping in chronic inflammation of the upper pathways in adults and children." University of Naples "Federico II"
- 18) Research projects on the functional cortical and subcortical architecture of the brain areas involved in the processing of the sensory systems hearing, taste and smell through functional neuroimaging (fMRI) at high spatial-temporal resolution in collaboration with the neuroimaging group of the University of Salerno and Maastricht
- 19) Research projects on the physiopathology of taste and smell in neurodegenerative and neurodevelopmental pathologies through perceptual behavioral tests (Flavor test) in collaboration with the Departments of Endocrinology and Neurology of the University of Naples "Federico II" as demonstrated from the publications listed.
- 20) Coordination of the interdisciplinary research group on the physiology of taste, in collaboration with the University of Salerno.

Member of the Board of GCORL and delegate for Rhinoallergy
GCCR member

Napoli, 23/01/2022

Elena Cantone

