



1. Personal Information

Name: *Rafael da Costa Monsanto*

Date of Birth: Feb 12, 1987

Place of Birth: São Bernardo do Campo – SP

Nationality: Brazilian

Phone number: +1 (612) 876-7729

Contact information: rafaelmonsanto@hotmail.com

2. Education

2005-2010 **(M.D.) Pontifícia Universidade Católica de São Paulo, São Paulo, Brazil**

2008-2009 **Clinical internship (rotating internship)**

Centro de Endocrinologia de Sorocaba – SpaMED

Sorocaba, SP, Brazil

2011-2012 **Occupational Health**

Universidade de São Paulo (USP)

São Paulo, SP, Brazil

2012-2015 **Residency in Otolaryngology, Head & Neck Surgery**

Banco de Olhos de Sorocaba Hospital,

São Paulo, Brazil

2015-2016 **Research Fellowship in Otopathology**

University of Minnesota

Minneapolis, MN, USA

2016-2020 **Graduate School (doctorate level)**

Universidade Federal de São Paulo / Escola Paulista de Medicina (UNIFESP/EPM)

São Paulo / SP

2018-2019 **Research Fellowship (Split PhD program)**

University of Minnesota

Minneapolis, Minnesota, USA

2019 **Statistics for medical professionals (updated)**

May 2019

Stanford University School of Medicine

Online course

2019 **Mini-Research Fellowship**

May - July 2019

Massachusetts Eye and Ear Infirmary

Boston, Massachusetts, USA

2020 **Operations management**

July 2020

INSPER

São Paulo, SP, Brazil



2020 **Successful Negotiation: Essential strategies and skills**

August 2020
University of Michigan (online course)

2020 **Management of communication and stakeholders**

November 2020
Fundação Getúlio Vargas (FGV)
São Paulo, SP, Brazil

3. Professional experiences

2009-2010 **Coordinator - Clinical internship program**

Centro de Endocrinologia de Sorocaba – SpaMED
Sorocaba, SP, Brazil

2015-2020 **Assistant Professor – Otolaryngology Department**

Banco de Olhos de Sorocaba Hospital,
São Paulo, Brazil

2020-2021 **Chief - Otology division of the Otolaryngology Department**

Banco de Olhos de Sorocaba Hospital,
São Paulo, Brazil

2021- **Researcher 5**

University of Minnesota
Minneapolis, MN, USA

4. Volunteering experience

2020-2021 **Humanitarian efforts committee**

American Academy of Otolaryngology – Head & Neck Surgery
Role: Member of the committee of Humanitarian Efforts of the American Academy of Otolaryngology Head & Neck Surgery (USA).

2020-2021 **Member of the Institutional Review Board**

Banco de Olhos de Sorocaba Hospital
Role: Active member

2019-2020 **Representative member of post-graduation students**

Universidade Federal de São Paulo / Escola Paulista de Medicina

2019-2020 **Volunteer – Professor (Medicine)**

Universidade Federal de São Paulo / Escola Paulista de Medicina

2014-2015 **Representative member of the medical residents**

Banco de Olhos de Sorocaba Hospital, São Paulo, Brazil



5. Certifications

2010 – M.D.

2015 – Specialist in Otolaryngology (Brazilian Board of Otolaryngology)

2016 – Research Fellowship in Otopathology (University of Minnesota)

2020 – Doctorate degree

6. Grants

Co-investigator – Starkey Foundation Grant

University of Minnesota

Principal Investigator: Sebahattin Cureoglu

Title: Pathogenesis of Ear Infections

July 2019 – June 2020

7. Awards

Winner – Best Doctorate (PhD) Thesis (Brazil – 2020) – Medicine

Title: Progression of the auditory and vestibular sequelae of otitis media: The otitis media continuum

Coordenação de Aperfeiçoamento Pessoal de Nível Superior (CAPES)

Nominated – Saumil Merchant Award (2019)

Title: Histopathology of Inner Ear Malformations: Implications for cochlear implantation

Harvard Medical School, Massachusetts Eye and Ear Infirmary (MEEI)

Travel grant – Research fellowship (2019)

Harvard Medical School, Massachusetts Eye and Ear Infirmary (MEEI)

Nominated – Best oral poster presentation

Title: Prevalence of Vestibular Symptoms in Chronic Otitis Media

Combined Meeting / 4 Otolaryngology (2018)

Meritorious award – Best Medical Resident (2015)

Banco de Olhos de Sorocaba Hospital – São Paulo, SP, Brazil

First place – Best oral presentation

Title: Achalasia in pregnancy – A case report

XXVII SUMEP Congress (2010)

First place – Best oral presentation

Title: Study of a comparative experimental model of initial treatment of burn wounds: tap water versus sodium hydroxide

IV Congress of plastic surgery leagues of the state of São Paulo (2008)



8. Scholarships

Coordenação de Aperfeiçoamento de Pessoal de Nível Superior

Split PhD Program – Universidade Federal de São Paulo / University of Minnesota

Title: Progression of the vestibular and cochlear abnormalities in the continuum of otitis media: A clinical, epidemiological, and histopathological study.

Years: 2018-2019

Coordenação de Aperfeiçoamento de Pessoal de Nível Superior

Universidade Federal de São Paulo / Escola Paulista de Medicina (UNIFESP/EPM)

(São Paulo, Brazil)

Graduate school (doctorate degree) scholarship

Title: Progression of the vestibular and cochlear abnormalities in the continuum of otitis media: A clinical, epidemiological, and histopathological study.

Years: 2016-2020

PIBIC-CEPE

Pontifícia Universidade Católica de São Paulo (São Paulo, Brazil)

Academic researcher

Title: Analysis of the prevalence of asymptomatic bacteriuria in children of the city of Sorocaba, Brazil

Year: 2009

9. Editorial duties in journals

Role: Editor

2018 – present Plos One (USA)

Role: Reviewer

2019 – present	Ear, Nose & Throat (USA)
2018 – present	Plos One (USA)
2018 – present	Laryngoscope (USA)
2018	Pediatrics (USA)
2018	BMC neurology (United Kingdom)
2018 – present	Journal of International Medical Research (United Kingdom)
2018	Journal of Communication Disorders (USA)
2018	Clinical Case Reports (United Kingdom)
2018	Journal of Pediatric Neurology (USA)
2018 – present	Journal of Otology & Rhinology (USA)
2018 – present	International Archives of Otorhinolaryngology (Brazil)
2018 – present	Brazilian Journal of Otorhinolaryngology (Brazil)



10. Invited speaker

Pontificia Universidade Católica de São Paulo

Guest lecturer - Surgery of the temporal bone

September, 2014

Pontificia Universidade Católica de São Paulo

Guest lecturer – Hearing loss in older adults and elderly

March, 2018

Universidade Federal de São Paulo / Escola Paulista de Medicina (UNIFESP/EPM)

Guest lecturer – Histopathology of Otosclerosis

September, 2018

Pontificia Universidade Católica de São Paulo

Guest lecturer – Implantable hearing devices

September, 2020

11. Professional and Academic Societies

Brazilian Otolaryngology Society (ABORL) (Brazil), 2012

Meritorious membership, Otolaryngology Foundation (FORL) (Brazil), 2013

International Hearing Foundation Fellow (IHF) (USA), 2016

American Academy of Otolaryngology, Head and Neck Surgery (AAO-HNSF), 2018

Schuknecht (Otopathologic) Society (HFS), 2019

Young Otolaryngologists of the International Federation of the Oto-Rhino-Laryngological Societies - Yo-IFOS, 2020

12. Educational responsibilities

Direct teaching of hundreds of medical students and otolaryngology residents since 2015. Among his responsibilities are: monthly lectures to medical students, orientation in out- and in-patient care for otolaryngology residents, and teaching surgery and surgical techniques to otolaryngology residents.

13. Book Chapters

1. **Cochlear Implants: Technological Advances, Psychological/Social Impacts and Long-Term Effectiveness.** Ed. Nova Science Publishers, 2014. ISBN: 978-1-63321-486-6

Co-author of the chapter “Evolution of the indications for cochlear implantation and new frontiers”

2. **Bacterial Meningitis: Clinical Characteristics, Modes of Transmission and treatment options.** Ed. Nova Science Publishers, 2014. ISBN: 978-1-63463-225-6

Co-author of the chapter “Post-meningitis deafness and cochlear implantation”



3. **Hearing Loss: Etiology, Management and Societal Implications.** Ed. Nova Science Publishers, 2016. ISBN: 978-1-53610-391-5

Author of the chapter “Sudden Sensorineural Hearing Loss: Pathophysiology, Diagnosis, Treatment Options, and Prognostic Factors.

4. **Hearing Loss: Etiology, Management and Societal Implications.** Ed. Nova Science Publishers, 2016. ISBN: 978-1-53610-391-5

Co-author of the chapter “Sensorineural Hearing Loss Secondary to Otitis Media”

14. Publications

5. Uchiyama M, **da Costa Monsanto R**, Sancak IG, Park GS, Schachern P, Kobayashi H, Paparella MM, Cureoglu S. Temporal Bone Pathology Secondary to Head Trauma—A Human Temporal Bone Study. *Otology & Neurotology*, 2021
6. **Da Costa Monsanto R**, Knoll R, Penido NO, Song G, Santos F, Paparella MM, Cureoglu S. Otopathologic Abnormalities in CHARGE Syndrome. *Otolaryngol Head & Neck Surgery*, 2021
7. Neto APF, **da Costa Monsanto R**, Saint-Jean LD, de Souza LSR, Penido NO. Clinical Profile of Patients With Unilateral Sudden Sensorineural Hearing Loss: Correlation With Hearing Prognosis. *Otolaryngology Head & Neck Surgery*, 2021
8. **Da Costa Monsanto R**, Kasemodel ALP, Tomaz A, Penido NdeO. Subjective visual vertical testing in patients with chronic suppurative otitis media. *Otolaryngology – Head & Neck Surgery*. 2020 (in press).
9. **Da Costa Monsanto**, Penido NdeO, Uchiyama M, Schachern P, Paparella MM, Cureoglu S. Quantitative assessment of cochlear and vestibular neurons in temporal bones with chronic otitis media. *European Archives of Otorhinolaryngology*. 2020 (In press).
10. Pauna HF, Pereira RC, **Monsanto RC**, do Amaral MSA, Hyppolito MA. A Comparison Between Endoscopic and Microscopic Approaches for Stapes Surgery: A Systematic Review. *The Journal of Laryngology & Otology*, 134 (5), 2020.
11. **Monsanto RD**, Kasemodel ALP, Tomaz A, Elias TGA, Paparella MM, Penido NdeO. Evaluation of vestibular symptoms and postural balance control in patients with chronic otitis media. *Journal of Vestibular Research*, 30 (1), 2020.
12. **da Costa Monsanto R**, Uchiyama M, Paparella MM, Cureoglu S. Quantitative assessment of inner ear histopathologic findings in partial trisomy of 13. *Otology & Neurotology*. 2019 (In press).
13. **da Costa Monsanto R**, Sennaroglu L, Uchiyama M, Sancak IG, Paparella MM, Cureoglu S. Histopathology of Inner Ear Malformations: Potential Pitfalls for Cochlear Implantation. *Otology & Neurotology*. 2019 (In press).
14. Kasemodel ALP, Costa LEM, **Monsanto RC**, Tomaz A, Penido NO. Sensorineural hearing loss in the acute phase of a single episode of acute otitis media. *Brazilian Journal of Otorhinolaryngology*. 2019 (In press).
15. Cordeiro FP, **da Costa Monsanto R**, Kasemodel ALP, de Almeida Gondra L, de Oliveira Penido N. Extended High-Frequency Hearing Loss Following the First Episode of Otitis Media. *Laryngoscope*. 2018 Dec;128(12):2879-2884. doi: 10.1002/lary.27309. Epub 2018 Sep 7.
16. **Monsanto RDC**, Pauna HF, Paparella MM, Cureoglu S. Otopathology in the United States: History, Current Situation and Future Perspectives. *Otol Neurotol*. 2018 Oct 39:1210-1214. Doi: 10.1097/MAO.0000000000001942



17. **Monsanto RDC**, Kasemodel ALP, Tomaz A, Paparella MM, Penido NO. Current evidence of peripheral vestibular symptoms secondary to otitis media. *Ann Med.* 2018 May 6:1-11. doi: 10.1080/07853890.2018.1470665. [Epub ahead of print]
18. Pauna HF, **Monsanto RC**, Schachern P, Paparella MM, Chole RA, Cureoglu S. Evidence against the mucosal traction theory in cholesteatoma. *Laryngoscope.* 2017 Oct 8. doi: 10.1002/lary.26940. [Epub ahead of print]
19. Marques LHS, Martins DV, Juares GL, Lorenzetti FTM, **Monsanto RC**. Otologic manifestations of Larsen syndrome. *Int J Pediatr Otorhinolaryngol.* 2017 OCT;223-9. doi: <https://doi.org/10.1016/j.ijporl.2017.08.020>
20. **Monsanto RC**, Schachern P, Paparella MM, Cureoglu S, Penido NdeO. Progression of changes in the sensorial elements of the cochlear and peripheral vestibular systems: The otitis media continuum. *Hear Res.* 2017 Aug;351:2-10. doi: 10.1016/j.heares.2017.05.003. Epub 2017 May 26.
21. Pauna HF, **Monsanto RC**, Schachern P, Paparella MM, Cureoglu S. A 3-D analysis of the protympanum in human temporal bones with chronic ear disease. *Eur Arch Otorhinolaryngol.* 2017 Mar;274(3):1357-1364. doi: 10.1007/s00405-016-4396-4. Epub 2016 Nov 22.
22. Pauna HF, **Monsanto RC**, Kurata N, Paparella MM, Cureoglu S. Changes in the inner ear structures in cystic fibrosis patients. *Int J Pediatr Otorhinolaryngol.* 2017 Jan;92:108-114. doi: 10.1016/j.ijporl.2016.11.013. Epub 2016 Nov 16.
23. Neto ACL, Bittar RSM, Gattas GS, Bor-Seng-Shu E, Oliveira ML, **Monsanto RC**, Bittar LF. Pathophysiology and diagnosis of Vertebrobasilar insufficiency: A review of the literature. *Int Arch Otorhinolaryngol.* 2016 Oct; 21(3): 302–307.
24. Cureoglu S, **Monsanto RC**, Paparella MM. Histopathology of Meniere's disease. *Operative Techniques in Otolaryngology-Head and Neck Surgery.* 2016 Oct; 27(4): 194-204
25. **Monsanto RC**, Pauna HF, Kwon G, Schachern PA, Tsuprun V, Paparella MM, Cureoglu S. A three-dimensional analysis of the endolymph drainage system in Ménière disease. *Laryngoscope.* 2016 Jul 21. doi: 10.1002/lary.26155. [Epub ahead of print]
26. **Monsanto RC**, Erdil M, Pauna HF, Kwon G, Schachern PA, Tsuprun V, Paparella MM, Cureoglu S. Pathologic Changes of the Peripheral Vestibular System Secondary to Chronic Otitis Media. *Otolaryngol Head Neck Surg.* 2016 May 10. pii: 0194599816646359. [Epub ahead of print]
27. **Monsanto RC**, Pauna H, Kaya S, Hizli O, Kwon G, Paparella MM, Cureoglu S. Epitympanum Volume and Tympanic Isthmus Area in Temporal Bones with Retraction Pockets. *Laryngoscope.* 2016 Apr 23. doi: 10.1002/lary.25937. [Epub ahead of print].
28. Pauna HF, **Monsanto RC**, Schachern PA, Costa SS, Kwon G, Paparella MM, Cureoglu S. The surgical challenge of carotid artery and Fallopian canal dehiscence in chronic ear disease: a pitfall for endoscopic approach. *Clin Otolaryngol.* 2016 Jul 25. doi: 10.1111/coa.12712. [Epub ahead of print]
29. Kaya S, Hızlı Ö, Kaya FK, **Monsanto RC**, Paparella MM, Cureoglu S. Peripheral vestibular pathology in Mondini dysplasia. *Laryngoscope.* 2016 Apr 14. doi: 10.1002/lary.25995. [Epub ahead of print]
30. Hizli O, Hizli P, Kaya S, **Monsanto RC**, Paparella MM, Cureoglu S. Histopathologic ear findings of syphilis: a temporal bone study. *Eur Arch Otorhinolaryngol.* 2015 Nov 16.
31. **Monsanto RC**, Bittencourt AG, Neto NJB, Sandes SCA, Lorenzetti FTM, Salomone R. Treatment and Prognosis of Facial Palsy on Ramsay Hunt Syndrome: Results Based on a Review of the Literature. *Int Arch Otorhinolaryngol.* 2016 Apr 12
32. Pauna, HF, **Monsanto, RC**. Rheumatoid Arthritis and Otolaryngological Findings: Highlights. *Rheumatology: Current Research*, v. 05, p. 1-2, 2015.



33. **Monsanto RC**, Orem RS, e Silva FR, Okuyama F, Lorenzetti FTM. Fungal rhinosinusitis with atypical presentation – a report of two cases. *Journal of Coastal Life Medicine* 2015; 3:418-20.
34. Pulcherio JO, Bittencourt AG, Burke PR, **Monsanto RC**, de Brito R, Tsuji RK, Bento RF. Carina® and Esteem®: a systematic review of fully implantable hearing devices. **PLoS One**; 9:e110636. eCollection 2014.
35. Sandes SCA, Bittencourt AG, **Monsanto RC**, Neto NJB, Lorenzetti FTM, Salomone R. Atypical tumours of the intratemporal facial nerve: a review. *Journal of Rhinolaryngo-Otologies*, 2014. 2, 34-43
36. **Monsanto RC**, Neto ACL, Lorenzetti FT. Reiter's syndrome and Hearing Loss – A possible association? *Clin Case Rep.* 2:310-2. Epub 2014 Sep 5.
37. **Monsanto RC**, Bittencourt AG, Neto JBN, Beilke SCA, Lima NFG, Lorenzetti FTM, Salomone R. Auditory brainstem implants in children: results based on a review of the literature. *Int Adv Otol* 2014; 10(2) • DOI: 10.5152/iao.2014.135

15. Poster and oral presentations

Presented over 50 scientific posters and oral presentations in national and international otolaryngology meetings.

16. Participation in judging commission boards

Member of the Board for Selection of New Otolaryngology Residents

Banco de Olhos de Sorocaba Hospital (São Paulo, Brazil)

2013 – present

Member of the Medical Residency Committee

Banco de Olhos de Sorocaba Hospital

2013 – 2014

17. Spoken Languages

Fluent English and Portuguese

English certifications:

Test of English as a Foreign Language – TOEFL

Score: 105/120

March 17, 2018

Test of English for International Communication – TOEIC

Score: 945/990

August 23, 2016

Test of English as a Foreign Language – TOEFL

Score: 109/120

October 17, 2009



English teacher - Centro Cultural Brasil – Estados Unidos

November 2006 to December 2007

Certificate of Proficiency in English – The University of Michigan

November 26, 2005

Certificate of Competency in English – The University of Michigan

May 29, 2004