CURRICULUM VITAE Mehtap Haktanir Abul, MD

Hasbro Children's Hospital/Rhode Island Hospital 593 Eddy St Providence, RI 02903 Office Phone 401-444-8059 Office Fax 401-444-2168 mehtap_haktanir_abul@brown.edu mhaktanirabul@lifespan.org

EDUCATION

Medical School Marmara University School of Medicine

Istanbul, Turkey

1996-2002

POSTGRADUATE TRAINING

Residency Istanbul Medeniyet University Goztepe Training and Research Hospital

Turkive

Pediatrics Residency Program

07/2004-10/2010

Brown University Pediatric Residency Program, RI

Pediatrics Residency 06/2020- 06/2022

Fellowship: Karadeniz Technical University, School of Medicine, Turkiye

Pediatric Allergy Immunology

04/2013-07/2016

Boston Children's Hospital, MA, USA

Pediatric Pulmonology

07/2017-06/2020

POSTGRADUATE HONORS AND AWARDS

2004	National Residency Entrance Examination-Passed Ranking among 1% out of 30.000 physician
2009	Silver Scholarship from European Respiratory Society Annual Congress in Vienna-Austria in 2009
2016	Travel Award from American Academy of Allergy Asthma Immunology 2016 AAAAI Annual Meeting, Los Angeles, CA
2017	Boot Camp Award from American Thoracic Society 2017 ATS Annual Meeting, Washington, DC
2020	Fellows Boot Camp Award from American Thoracic Society 2020 ATS Annual Meeting, Virtual
2022	Certificate of Recognition The Warren Alpert Medical School of Brown University Department of Pediatrics Celebration of Scholarship, October 24, 2022
2023	Advance-K scholar Carrer Development Program Training Award Brown University

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

LICENSURE: Massachusetts, 270846, 2017-2020

Rhode Island, LP04962, 2020-2022

Rhode Island MD 18474, 2022- present

BOARD CERTIFICATIONS: ECFMG 2006

Turkish Board of Pediatrics, 2010

European Board of Allergy and Immunology, 2015

Turkish Board of Pediatric Allergy and

Immunology, 2016

American Board of Pediatrics, 2022

ACADEMIC APPOINTMENTS

September 2022- present Assistant Professor of Pediatrics

Clinician Educator

Alpert Medical School of Brown University

Providence, RI

June 2020- June 2022 Adjunct Faculty, Resident in Pediatrics

Alpert Medical School of Brown University

Providence, RI

July 2017- June 2020 Instructor in Pediatrics

Harvard Medical School, MA

April 2013- July 2016 Instructor in Pediatrics

Karadeniz Technical University, School of Medicine

Turkiye

HOSPITAL APPOINTMENTS

09/2022- present Pediatric Pulmonologist

Hasbro Children's Hospital/Rhode Island Hospital, RI

09/2022- present Consulting Pediatric Pulmonologist

Women and Infant Hospital, RI

07/2016-09/2016 Pediatric Allergist Immunologist

University of Health Sciences

Trabzon Kanuni Training and Research Hospital, Trabzon, Turkiye

09/2011-04/2013 Pediatrician

Ahi Evren Thoracic and Cardiovascular Diseases Hospital,

Trabzon, Turkiye

10/2010-09/2011 Pediatrician

Obligatory Government Service at Trabzon Children's Hospital,

Trabzon, Turkiye

HOSPITAL COMMITTEES

September 2022- BIT:S Working Group

Pediatric Pulmonologist

Women & Infants Hospital Providence, RI

September 2022- Cystic Fibrosis

Pediatric Care Team Member

MEMBERSHIP IN SOCIETIES

2005- present	Member	Turkish Thoracic Society
2012-present	Member	American Thoracic Society
2013- present	Member	European Respiratory Society
2017- present	Member	American Academy of Pediatrics
2004-2016	Member	Turkish Pediatrics Association
2013-2017	Member	Turkish National Allergy and Clinical Immunology Society
2014-2020	Member	American Academy of Allergy Asthma and Immunology
2014-2020	Member	American College of Allergy Asthma and Immunology

GRANTS:

Advance CTR Mentored Research Award, Brown University

Received: April 2023

Grant in effect for 2 years, October 2023- October 2025

Provides 50% protected research time

PUBLICATIONS LIST

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

Research Investigations

- 1. O'Sullivan B, Ounpraseuth S, James L, Majure M, Lang J, Hu Z, Simon A, Bickel S, Ely B, Faricy L, Garza M, Greer M, Hsia D, Jefferson A, Knight L, Lee J, Liptzin D, Haktanir Abul M, Perry T, Prior F, SanGiovanni C, Tam-Williams j, Wu B, and Snowden J. Vitamin D Oral Replacement in Children with Obesity Related Asthma: VDORA1 Randomized Clinical Trial. accepted for publication in Clinical Pharmacology & Therapeutics. September 8, 2023
- 2. Trivedi A, Hall C et al. and the NHLBI Severe Asthma Research Program collaborators. Collaborator: **Haktanir Abul M**. Quantitative CT characteristics of Cluster Phenotypes in the Severe Asthma Research Program Cohorts. Radiology 2022 Apr 26; 210363 doi: 10.1148/radiol.210363. Online ahead of print. PMID: 35471111
- **3.** Gunnlaugsson S*, **Haktanir Abul M***, Wright L, Petty CR, Gaffin JR, Phipatanakul W (*Co-First Author) Associations of snoring and asthma morbidity in the School Inner-City Asthma Study. J Allergy Clin Immunol Pract. 2021 Jun 6:S2213-2198(21)00609-7. doi: 0.1016/j.jaip.2021.05.022. Online ahead of print. PMID: 34102347

- **4.** Phipatanakul W, Mauger G, Guilbert T et al. and PARK collaborators. Collaborator **Haktanir Abul M**. Preventing asthma in high risk kids (PARK) with omalizumab: Design, rationale, methods, lessons, learned and adaptation. Contemp. Clinical Trials 2020 Nov 23. doi: 10.1016/j.cct.2020.106228. PMID: 33242697
- **5.** Baba O, Kaya G, **Haktanir Abul M**, Kaklikkaya N, Cakir M, Orhan F. Prevalence and characteristics of Hymenoptera venom allergy in urban school children aged 6 to 18 years living in Trabzon. Turk J Med Sci, 2020 Dec 28, doi: 10.3906/sag-2009-86. Online ahead of print. PMID: 33356030
- **6.** Gaffin, MD, M JM, Hauptman M, Petty C, **Haktanir Abul M**, Gunnlaugsson S, Lai PS, Baxi S. et al. Differential Effect of School-Based Pollution Exposure in Children with Asthma Born Prematurely. Chest 2020, Oct 158(4)- 1361-1363 PMID: 32450239
- 7. Vezir E, Civelek E, **Haktanir Abul M**, Ginis T, Orhan F, Dibek Misirlioglu E. Mean Platelet Volume is Increased Only by Subcutaneous Allergen Immunotherapy but Not in Allergic Diseases. Asthma Allergy Immunol 2018; 16:151-156
- **8.** Dibek EM, Guvenir H, Bahceci S, **Haktanir Abul M** et al. Severe Cutaneous Adverse Drug Reactions in Pediatric Patients: A Multicenter Study. J Allergy Clin Immunol Pract. 2017 May Jun;5(3):757-763 PMID: 28351788
- **9. Haktanir Abul M**, Dereci S et al. Prevalence of IgE-mediated Kiwifruit Allergy in Children in a Kiwifruit-Cultivating Region: A Population-based Study. Pediatr Allergy Immunol. 2017 Feb;28(1):38-43 PMID: 27732749
- **10. Haktanir Abul M**, Abul Y, Erguven M, Karatoprak EY, Karakurt S, Celikel T. Evaluation of Airway Resistance in Children with Juvenile Idiopathic Arthritis. Pediatric Allergy Immunology and Pulmonology 2014 Sep; 27(3): 138-142
- **11. Haktanir Abul M,** Erguven M, Ozben B, Ayhan YI. The forgotten chamber: right-ventricular functions in juvenile idiopathic arthritis. Pediatr Cardiol. 2012 Jun;33(5):739-43 PMID: 22349671
- **12.** Besli GE, Saltik S, Erguven M, Bulut O, **Haktanir Abul M**. Status epilepticus in children: Causes, clinical features and short-term outcome. Pediatr Int. 2010 Oct;52(5):749-53 PMID: 20487369

- **13.** Dursun F, Erguven M, Denizmen Y, Dursun M, Yilmaz S, **Haktanir Abul M.**Vesicoureteral Reflux Incidence in Siblings of Children with Reflux: Is Screening Required? European Journal of General Medicine, 2008;5(2): 90-94
- **14.** Haliloglu B, Eti N, **Haktanir Abul M** et al. Evaluation of the Infants of Diabetic Mothers. Journal of Child, 5:256s Suppl.1 April 2005

Non- English Publications

- 1. Haktanir Abul M, Kaya, Kilic Topcu ZI, Irmak E, Orhan F. Reported Prevalence and Clinical Characteristics of Nut Allergy among School-aged Children Living in City Center of Giresun. (in Turkish: Giresun İl Merkezinde Yaşayan Okul Çağı Çocuklarında Aileler Tarafından Bildirilen Kuruyemiş Alerjisi Sıklığı ve Klinik Özellikleri) Asthma Allergy Immunol 2016;14 (2): 88-92
- **2.** Bahadir A, **Haktanir Abul M**, Reis PG, Erduran E, Orhan F. Adverse skin reactions caused by L-asparaginase: Allergy or infection? Asthma Allergy Immunol 2015; 13:130-133

OTHER PEER-REVIEWED PUBLICATIONS

Case Reports

- Karaguzel G, Polat R, Haktanir Abul M, Cebi AH, Orhan F. Immune dysregulation, polyendocrinopathy, enteropathy, X-linked (IPEX) syndrome in two siblings; same mutation but different clinical manifestations at onset. J Clin Res Pediatr Endocrinol. 2021 May 28. doi: 10.4274/jcrpe.galenos.2021.2021.0005. PMID: 34044499
- 2. Demir F, **Haktanir Abul M**, Dilber E, Orhan F, Kalyoncu M. A case of Kawasaki disease presenting with atypical cutaneous involvement and mimicking Stevens Johnson syndrome. North Clin Istanb. 2018 Dec 10;7(1):67-70. doi: 10.14744/nci.2018.84748. eCollection 2020. PMID: 32232207
- 3. Kamasak T, Orhan F, **Haktanir Abul M** et al. "Levetiracetam Treatment Induced Stevens–Johnson Syndrome and Toxic Epidermal Necrolysis" J Pediatr Epilepsy 2017; 06(04): 182-185
- 4. Haktanir Abul M, Orhan F et al, "Anaphylaxis After A "Prick To Prick" Test With Raw Fish" Pediatr Int. 2016 Jun;58(6):503-505. PMID: 26857903
- 5. Haktanir Abul M, Tuano K, Healy CM, Vece TJ, Quintanilla N, Davis CM, Seeborg F, Hanson IC. "POPS Case: 15-year old male with Severe Combined immunodeficiency, fungal infection and weight gain" Allergy Asthma Proc. 2015 Sep;36(5):407-11 PMID: 26314823

- 6. Erguven, M., Kiral, A., **Haktanir Abul, M,** et al "Dermatomyositis accompanying with hypertension diagnosed in infancy" Acta Pediatrica 2008;(97)Supplement:459:251-252
- 7. Bahadir A, Erduran E, **Haktanir Abul M**, "A Case with Toxic Epidermal Necrolysis Triggered By 5-Fluorouracil" Firat University Health Sciences Medical Journal 2016; 30 (1): 21 23
- 8. Erguven M, Haktanir Abul M, Malkoc M, et al, "Juvenile Polymyositis with Rheumatologic Emergency (Soft Palate Paralysis) and Other Cases with Juvenile Polymyositis, and Dermatomyositis" Journal of Child 2010; 10(3):139-143

BOOKS AND BOOK CHAPTERS

- 1. Haktanir Abul M, Naja AS, Fitzpatrick A, Phipatanakul W, Fleming L. Evaluation and management in children. ERS Monograph on Severe Asthma. Ed: Kian Fan Chung, Elliot Israel and Peter G. Gibson, European respiratory Society 2019
- **2. Haktanir Abul M,** Phipatanakul W. Severe Asthma in Children: Evaluation and Management. Allergol Int. 2019 Apr;68(2):150-157 PMID: 30648539
- **3.** Albarran C, Hulett AC, **Haktanir Abul M**, Caplin J. "Guidelines and Asthma: Some Considerations for Third World Countries". J Pulm Respir Med 5: 253.
- **4.** Abul Y, **Haktanir Abul M**, Silay MS, Silay YS. Role of nanobacteria in cardiac sarcoidosis. Med Hypotheses. 2007;68(5):1180 PMID: 17140741

Non-English Publications (Book Chapters)

- **5. Haktanir Abul M.** Characteristics of Fruit and Vegetable Allergy in Children (In Turkish; Çocuklarda Meyva ve Sebze Allerjileri: Özellikleri nelerdir?) 30 Soruda Çocuklarda Besin Alerjileri, Selen Yayincilik, 2017 ISBN:9786056580888, Book Chapter
- **6. Haktanir Abul M**, Baki A. The quality of life in children and adolescents with food allergy. (In Turkish; Besin Allerjisi olan Çocuklarda Yaşam Kalitesi) 30 Soruda Çocuklarda Besin Alerjileri, Selen Yayincilik, 2017 ISBN:9786056580888, Book Chapter
- **7. Haktanir Abul M,** Orhan F. Patient Education in Children with Asthma (in Turkish, Çocuklarda Astım Eğitimi). Çocuk Sağlığında Astım, Ed: Nermin Güler ISBN: 9786055013769, Güneş Kitapevi 2015, Book Chapter

8. Haktanir Abul M, Baki A. Treatment Adherence in Children with Asthma (in Turkish, Çocuklarda Astım Tedavisinde Hasta Uyumu). Çocuk Sağlığında Astım, Ed: Nermin Güler ISBN: 9786055013769, Güneş Kitapevi 2015, Book Chapter

PUBLICATIONS SUBMITTED OR IN PREPARATION

 Asthma Control and Sleep Outcomes In Urban Children with Asthma NAPS Study Cohort PI: Daphne Koinis-Mitchell.

ABSTRACTS

Abstracts, Poster Presentations and Exhibits Presented at Professional Meetings

National Scientific Meeting Presentations

- 1. Haktanir Abul M, Cohenuram A, Guzman L, Dunsiger S, Kopel Sheryl, Nguyen A, Teape D, Esteban C, Koinis-Mitchell D. Asthma Control and Sleep Outcomes in Urban School-Age Children. Emerging Areas of Science IDeA Symposium, June1, 2023, Brown University, Providence, RI
- **2.** Yeo A.J, Boergers J, D'Angelo C, Canino G, Chavez L.M, **Haktanir Abul M**, Serrano-Gonzalez M, & Koinis-Mitchell D. (2023, April). *Adaptation and Preliminary Efficacy of a Sleep Hygiene Intervention for Urban and Latino Children for Remote Delivery*. The Pediatric Academic Societies (PAS) 2023 Meeting, Washington DC.
- 3. Brian O'Sullivan; Song Ounpraseuth; Laura James; Marc Majure; Jason Lang; Zhuopei Hu; Scott Bickel; Brian Ely; LE Faricy; Maryam Garza; Melody Greer; Daniel Hsia; Akilah Jefferson; Lisa Knight; Jeannette Lee; Deborah Liptzin; Haktanir Abul Mehtap; Tamara Perry; Fred Prior; Christine SanGiovanni; Jade Tam-Williams; Jessica Snowden on behalf of ECHO ISPCTN. Vitamin D Oral Replacement in Asthma (VDORA1): A Randomized Clinical Trial in Children with Obesity Related Asthma. The Pediatric Academic Societies (PAS) 2023 Meeting, Washington DC.
- **4. Haktanir Abul M**, Cohenuram A, Guzman L, Dunsiger S, Kopel Sheryl, Nguyen A, Teape D, Esteban C, Koinis-Mitchell D. Asthma Control and Sleep Outcomes in Urban School-Age Children Department of Pediatrics Celebration of Scholarship, September 2022, Providence, Rhode Island

- **5.** Misirlioglu ED, Guvenir H, Bahceci S, **Haktanir Abul M** et al. Evaluation of Patients with Severe Cutaneous Drug Reactions: A Multicenter Study National Allergy Congress, 2016, Turkey
- **6. Haktanir Abul M,** Yayla B, Orhan F, Baki A. A Rare Cause of Chronic Cough: Pericardial Cyst. Pediatric Academy of Allergy and Asthma, 2016, Turkey
- **7. Haktanir Abul M**, Orhan F et al. Urticaria in Children: Epidemiological, Clinical and Laboratory Characteristics. National Allergy Congress, 2015, Turkey
- **8. Haktanir Abul M,** Orhan F. Selective IgM Deficiency-Presentation of three cases. 1st Clinical Immunology Congress, 2015, Turkey
- **9.** Bahadir A, **Haktanir Abul M** et al. Skin Reaction due to L-Asparaginase: Allergy or Infection? 4th Pediatric Hematology Symposium, 2014, Turkey
- **10.** Civelek E, Orhan F, Capanoglu M, **Haktanir Abul M** et al. Etiologies and Clinical Features of Childhood Anaphylaxis: Evaluation of the results of two center. 21st National Allergy and Clinical Immunology Congress, p:131, 2014, Turkey
- **11. Haktanir Abul M,** Baki A et al. Recurrent Wheezing: Asthma? or Foreign Body Aspiration? Pediatric Academy of Allergy and Asthma, 2014, Turkey
- **12. Haktanir Abul M,** Orhan F et al, Erythema multiforme, Stevens Johnson Syndrome and Toxic Epidermal Necrolysis Cases National Allergy Congress, 2013, Turkey
- **13. Haktanir Abul M,** Orhan F, Isik AU. An infant presented with chronic cough: What is your diagnosis? Turkish Thoracic Society 16th Annual Congress, 2013, Turkey
- **14.** Erguven M, **Haktanir Abul M**, Dursun N et al. Mercury Intoxication of a Child: Case Report. National Pediatric Emergency and Critical Care Society Congress, Abstract Book p:71, 2009, Turkey
- **15.** Besli E, Saltik S, Erguven M, **Haktanir Abul M** et al. Evaluation of the Status Epilepticus Patients Admitted to Emergency Room. National Pediatric Emergency and Critical Care Society Congress, 2009, Turkey
- **16.** Dursun F, **Haktanir Abul M,** Erguven M et al. Rare Asphyxia Complication of an Case with Adrenal Hemorrhage. 53.Turkish National Pediatrics Association Congress, Poster presentation, 2009, Turkey
- **17.** Erguven M, **Haktanir Abul M,** Ayhan YI. Evaluation of Left Ventricular Functions of Patients with Juvenile Idiopathic Arthritis. 53.Turkish National Pediatrics Association Congress, Poster presentation, 2009, Turkey

- **18.** Erguven M, Malkoc M, Kral A, Yildiz N, Bilgic O, **Haktanir Abul M.** Nephrotic Cystinosis in patients with the clinical signs of renal fanconi syndrome. 53. Turkish National Pediatrics Association Congress, Poster presentation, 2009, Turkey
- **19.** Erguven M, Kral A, **Haktanir Abul M** et al. The follow-up and clinical features of cases with dermatomyositis and polymyositis. 53. Turkish National Pediatrics Association Congress, Poster presentation, 2009, Turkey
- **20. Haktanir Abul M,** Usta S, Ozdogan T et al. Neonatal Tetanus: A case report. Turkish National Neonatology Congress 14th Annual Congress, 2006, Turkey
- **21.** Yasa O, **Haktanir Abul M,** Kut A et al. Adolescent Cases with Cavitary Tuberculosis. Turkish National Pediatric Infectious Diseases Congress 4th Annual Congress, 2005, Turkey
- **22.** Yasa O, Ellikcioglu C, Kut A, **Haktanir Abul M** et al. Clinical Features of Pediatric Tuberculosis Cases: Last 5 years' Experience of 110 Cases. Turkish National Pediatric Infectious Diseases Congress 4th Annual Congress, 2005, Turkey

International Scientific Meeting Presentations

- Gaffin JM, Hauptman M, Petty C, Haktanir Abul M, Gunnlaugsson S, Lai PS, Baxi S. et al. Classroom Based Air Pollution Effects on Asthma Morbidity in Inner City Children with a History of Prematurity. ATS May 15-20, 2020 Philadelphia, PA (Virtual Meeting due to COVID-19)
- 2. Haktanir Abul M, Gaffin JM, Guo N, Metwali N, Hauptman M, Thorne P, Gold D, Adamkiewicz G, Redline S, Phipatanakul W. Effect of Indoor Climate on Allergen Levels and Microorgan-ism-Associated Molecular Patterns. AAAAI March 13-16, 2020 Philadelphia, PA
- **3. Haktanir Abul M**, Hauptman M, Gaffin JM et al. Carbon Dioxide Exposure in School Classrooms of Inner-city Children with Asthma. ATS May 17-22, 2019 Dallas, TX, USA
- 4. Haktanir Abul M and Hayden LP. New Sweat Chloride Ranges and Diagnosis of CFTR-Related Metabolic Syndrome with (TG) 11-5T Homozygosity. ATS May 18-23, 2018, San Diego, CA, USA
- 5. Noroski L, Dillard K, Forbes L, Stahl M, Guerrero D, Pedroza LA, Haktanir Abul M, Artac H et al. Collaborative Innovations to Medical Global "Crowd" Rounds-An Effective Modified EdX to Complex Patient Care, Academic Learning and Global Inclusion. AAAAI Annual Meeting, 2017, Atlanta, GA, USA

- **6.** Kuşkonmaz B, Ayvaz D, **Haktanir Abul M**, Okur FV, Karagüzel G, Orhan F, Tezcan I, Çetinkaya DU. Successful bone marrow transplantation after myeloablative conditioning in a child with IPEX syndrome. EBMT March 25-29, 2017 Marseille, France
- 7. **Haktanir Abul M,** Orhan F et al. Clinical and Epidemiological Differences in Patients with Acute Urticaria and Chronic Urticaria. AAAI 2016 Annual Meeting, Los Angeles, CA, USA
- 8. Haktanir Abul M, Orhan F et al. Clinical Characteristics of Patients with Selective IgA deficiency. 2nd J Project Congress, March 2016, Turkey
- **9. Haktanir Abul M,** Orhan F et al, Adherence to the Treatment Choices of Anaphylaxis: An Epidemiological View of the Pediatric Patients. AAAAI 2015 Annual Meeting, Houston, TX, USA
- 10. Haktanir Abul M, Kilic Topcu ZI and Orhan F. A Case of Common Variable Immunodeficiency Associated with Hemolytic Anemia. 1st J Project Meeting, 2014, Turkey
- 11. Kilic Topcu ZI, **Haktanir Abul M**, and Orhan F. Selective Immunoglobulin M Deficiency Associated with Angioedema. 1st J Project Meeting, 2014, Turkey
- 12. Haktanir Abul M, Abul Y, Erguven M et al. Evaluation of airway resistance of the patients with juvenile rheumatoid arthritis with airway interrupter (Rint) technique. European Respiratory Journal, 34:734s Suppl.53 September 2009
- 13. Haktanir Abul M, Tuzcu V. Biomarkers of Myocardial Injury Following Cryoablation in Children. Heart Rhythm Society 2007, Denver, CO, USA
- 14. Altunyuva S, Kut A, **Haktanir Abul M** et al. Late period pulmonary functions of the patients who were treated for parapneumonic effusion and empyema. European Respiratory Society Meeting 2006, Munich, Germany

PEER-REVIEWED / NON-PEER-REVIEWED INVITED PRESENTATIONS

2015	Post- BMT Pulmonary Complications in immunodeficient patients	Global Immunodeficiency Rounds Texas Children's Hospital
2017	Recurrent Croup	New England Pediatric Pulmonary Consortium
2017	Fungal Infections in Cystic Fibrosis	New England Pediatric Pulmonary Consortium

2018	Post -BMT Pulmonary complications	New England Pediatric Pulmonary Consortium
2018	Meconium Aspiration Syndrome	New England Pediatric Pulmonary Consortium
Local Invited	l Presentations:	•
2018	Acute Respiratory Distress Syndrome	Pulmonary Fellows Boston Children's Hospital
2019	Pulmonary Vascular diseases- I	Pulmonary Fellows Boston Children's Hospital
2019	Pulmonary Vascular diseases-II	Pulmonary Fellows Boston Children's Hospital
2022	Vaping Induced Lung Injury	Hasbro Children's Hospital, RI Division of Pediatric Pulmonology
2023	Pediatric Diffuse Lung Diseases	Hasbro Children's Hospital, RI Resident Noon Conference
2023	Approach to Stridor in Children	Hasbro Children's Hospital, RI Resident Noon Conference

UNIVERSITY TEACHING, ADVISING and MENTORING ROLES

Teaching of Students in Courses:

2004-2010	History Taking and Physical Examination	Medical Students Istanbul Medeniyet Universitesi Goztepe Training and Research Hospital	One hour /week
2013-2016	History Taking and Physical Exam Upper and Lower Respiratory Tract	Medical Students Karadeniz Technical University School of Medicine	Five hour/month

Formal teaching of Residents, Clinical Fellows and Research Fellows (post-docs):

2017-2018	Fellow Cased Based Teaching	Pediatric Residents Boston Children's Hospital	One hour /month
2019-2020	Tuberculosis	Pediatric Residents Boston Children's Hospital	One hour /month
2023	Pediatric Diffuse Lung Diseases	Hasbro Children's Hospital, RI Resident Noon Conference	One hour
2023	Approach to Stridor in Children	Hasbro Children's Hospital, RI Resident Noon Conference	One hour
2022-2023	Outpatient Clinic Medical Student/Resident Precepting	Hasbro Children's Hospital, RI Pediatric Pulmonology Clinic	7-14 hour /month