

Inderpal Randhawa

M.D.

ABOUT

Leading specialist in internal medicine, pediatrics, immunology, allergy medicine, and pulmonology with over two decades of experience. Dr. Randhawa is the current **Medical Director of Pediatric Pulmonology, Clinical Immunology & Allergy at Miller Children's Hospital**. He has served at Miller's in various leadership positions for over a decade and is also the current Program Director of the Pediatric Pulmonology Fellowship at UCI and Miller Children's Hospital. He has led several initiatives at Miller's resulting in regional and national acclaim including the Sickle Cell Pulmonary Center, the JCAHO Asthma Center of Excellence, Primary Ciliary Dyskinesia Center, Difficult Asthma Center, Bronchopulmonary Dysplasia Collaborative, and National Ranking in U.S. News and World Report. Dr. Randhawa focuses on the research and treatment of 'orphan' diseases—areas of medicine which have stalled in development and progress. He is the Founder, CEO, and Chief Medical Officer of the Translational Pulmonary & Immunology Research Center (TPIRC), a nonprofit corporation located in Long Beach, California, which utilizes applied math, data analytics, biomarker development, and artificial intelligence to treat patients suffering from orphan diseases. Dr. Randhawa is also the founder of TPIRC's Southern California Food Allergy Institute, a nonprofit organization which has successfully induced remission in over 10,000 patients suffering from life threatening food anaphylaxis.

ACTIVE APPOINTMENTS

- The Translational Pulmonary & Immunology Research Center, Founder, CEO, Chief Medical & Scientific Officer
- The Southern California Food Allergy Institute, Founder, Chief Medical & Scientific Officer
- Medical Director of Pediatric Pulmonology, Clinical Immunology & Allergy at Miller Children's Hospital
- Miller Children's Hospital, Pediatric Pulmonary Fellowship, Program Director
- Lung and Allergy Health Associates, Chief Physician
- Harbor UCLA, Pediatric Division of Allergy & Immunology, Clinic Attending
- UCLA, Wadsworth Campus, Department of Medicine, Allergy & Immunology, Clinic Attending and Immunology/Allergy Fellowship Research Coordinator
- Torrance Memorial Medical Center, Physician Attending
- Long Beach Memorial Medical Center, Physician Attending
- University of Southern California, Keck School of Medicine, Department of Pediatrics, Affiliate Research Scientist
- Cystic Fibrosis Center Director, Miller Children's Hospital
- Newborn Screening Center Director, Pulmonary Disease, Miller Children's Hospital

BOARD CERTIFICATION

- American Board of Allergy & Immunology, Board Certification, October 2007 (Active)
- American Board of Pediatrics, Pediatric Pulmonology, Board Certification, November 2010 (Active)
- American Board of Internal Medicine, Pulmonary Medicine, Specialty Pathway, 1/2015 (Active)
- American Board of Internal Medicine, Board Certification, August 2005 (Active)
- American Board of Pediatrics, Board Certification, October 2005 (Active)

FACULTY APPOINTMENT

- Associate Clinical Professor of Pediatrics, UC Irvine School of Medicine
- Assistant Clinical Professor of Medicine, UCLA David Geffen School of Medicine

EDUCATION

- UC Irvine Pediatric & Adult Pulmonology 2007-2009
Fellowship
- UCLA School of Medicine, Allergy & Clinical Immunology, Transplant Immunology 2005-2007
Fellowship
- Loma Linda University Medical Center 2001-2005
Residency, Combined Internal Medicine & Pediatrics
- Northwestern University Medical School 1997-2001
M.D.
- University of Southern California 1993-1997
B.S, Honors Biochemistry Magna Cum Laude

WORK EXPERIENCE

- 2021 - Present **Chief Physician**
TPIRC Medical Foundation
- 2017 - Present **Founder, Medical Lab Director**
Foundation Labs, Inc.
- 2015 - Present **Founder, Chief Executive Officer**



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MEDICAL LICENSE

- DEA number: **BR8471473**
- California Medical License number: **A80644**

PROFESSIONAL GOALS

Clinical Academic Medicine and Research:

- Allergy & Immunology/Pediatric Pulmonology/Transitional Pulmonary Medicine
- Adult Cystic Fibrosis
- Transitional Health Care design (pediatric to adult medicine)
- Lung Transplantation
- Immunomodulatory Therapeutics
- Food Allergy Diagnostics and Therapeutics

HONORS & AWARDS

- **Munzer Award** for Excellence in Teaching and Research, 2020
- **Dedication Award** Southern California F&M Bank 2017
- **Breath of Life Award** University of California Irvine CF Foundation Recognition of Innovative Research 2004
- **Teaching Attending of the Year** 2008
- **Outstanding Fellow of the Year** (teaching award) 2009
- **Resident of the Year, Both Internal Medicine and Pediatrics** Loma Linda University Medical Center 2005
- **Chrysalis Project, American Academy of Asthma, Allergy, & Immunology** Northwestern University Medical School 2000
- **American Pediatrics Society Grant Fellowship** Division of Allergy & Immunology Stanford University 1998
- **National Merit Scholar** University of Southern California 4 year Merit Award
- **Robert C. Byrd Honors Scholar** 4 year Merit Award
- **Trustee Scholar - USC full tuition** 4 year Merit Scholarship
- **Standard Bearer for Letters, Arts, & Sciences, USC Commencement** 1997

GGG Immunotherapy Inc.

- 2011 - Present **Chief Medical Advisor**
Serologix, Inc.
- 2009 - Present **Scientific Consultant, Key Opinion Leader**
Thermofisher Diagnostics
- 2007 - Present **Co-Administrator**
Apex Urgent Care
- 2007 - 2009 **Physician Reviewer**
LA County Department of Health Services
- 2004 - 2007 **Senior Physician**
VIP Urgent Care & Occupational Medicine
- 2006 - 2008 **Physician Consultant**
Prairie Medical Group

INTEREST

- Development of interactive patient education resources to bridge the information gap commonly seen between physician and patient
- Development of integrative universal electronic health record organization for chronic disease
- Organization and coordination of subspecialist care in community outreach

HOBBIES

Weightlifting

Tennis

Basketball

Attempting to improve my 20 handicap golf game

Spending time with family and friends
Community awareness and education for orphan medical conditions

Expanding the current scholarship fund for the Dr. Ajit S. Randhawa Scholarship

EDITORIAL DUTIES AND SOCIETY FELLOWS

Pediatric Research, Reviewer 2018- present

Lung, Reviewer 2011 - present

Professional Societies:

International Society for Heart and Lung Transplant, Member, 7/10- present

American Thoracic Society, Member, 7/10 - present

American College Asthma, Allergy & Immunology, Member, 7/05- present

American Academy Asthma, Allergy & Immunology, Member, 7/05- present

American College of Physicians, Member, 8/05- present

American Academy of Pediatrics, Fellow, 8/05- present

PROFESSIONAL ACTIVITIES

Professional Committees:

JCAHO Asthma Center of Excellence Steering Committee, Physician Chair: 2019 - present

Graduate Medical Education Committee, Director: 2011 - present

Pediatric Careline Committee, Member: 2018 - present

Scientific Advisory Boards:

The Translation Pulmonary and Immunology Research Center: 6/14 - present

Global Genes Scientific Advisory Board: 9/14 - 9/19

The Coalition Against Pediatric Pain: 4/13 - 8/16

Key Opinion Leader:

ThermoFisher Scientific: 2/11 - present

Serologix: 2/12 - present

Genentech (Roche): 3/13 - present

Mylan: 1/15 - present

Northwestern University Medical School

South Asian Medical Students Association, President, 1998-99

Princeton Review MCAT Instructor, 1997-99

CURRENT RESEARCH

1. Identifying the Genetic variants that influence susceptibility to and the natural history of eosinophilic esophagitis in a Southern California population. UCLA and Cedars Sinai Hospital. Completion June 2024.
2. Characterization of anaerobic and aerobic bacteria in bronchiectasis and cystic fibrosis via microarray analysis specific to treatment modification. Completion June 2022.
3. Level of Cytokine Production is Associated With The Clinical Course of Cystic Fibrosis Patients. To determine the clinical course of CF patients before and after pseudomonas acquisition who have had assessment of specific cytokine production by peripheral blood mononuclear cells (PBMC) ten years prior. Completion August 2023.
4. Perinatal cytokine production and characterization in lung disease of prematurity and associated risk of intermittent wheezing episodes. To determine the cytokine profile in a cohort of neonates compared with controls (non - bronchopulmonary dysplasia) and clinically assess the development of intermittent wheezing episodes and change in pulmonary function. Completion June 2024.
5. Exercise cardiopulmonary stress parameters in cystic fibrosis. Enroll variable severity CF patients and perform two dynamic metabolic exercise studies and develop through complex multivariate analysis new parameters for exercise physiology testing in cystic fibrosis. Completion August 2025.
6. Novel murine bronchopulmonary dysplasia model utilizing non invasive CPAP. Validation model through immune histochemistry and M1-M2 characterization. Completion December 2021.
7. Neutrophil targeted cellular culture model development to study mucoviscidosis disorders of the lung. Completion December 2025.
8. Remission biomarker trajectory in the Tolerance Induction Program. Completion June 2022.
9. Comprehensive Investigation of Human Metapneumovirus infection correlation in hospitalized children. Completion March 2022.

GRANTS

1. Brentwood Biomedical Research Institute, Division of Lung Research. \$10,000 grant for study: Correlation of clinical control and ADRB2 polymorphism in geriatric COPD and Asthma. July 2007.
2. Memorial Care Fund & Cystic Fibrosis Foundation. \$50,000 grant: Carbon macrophage indices in cystic fibrosis; \$50,000 grant: Exercise cardiopulmonary parameters in cystic fibrosis.
3. Harbor UCLA Consortium Grant: \$10,000.
A. Determining the role of CD74 in sustaining persistent inflammation in cystic fibrosis
B. Determining the role of histone deacetylation in sustained persistent inflammation and steroid resistance in CF patients
C. Determine the specific components of inflammatory response based on age in CF patients colonized with Pseudomonas aeruginosa and MRSA.
4. Sequential regulation of Clara cell secretory protein in CF.
5. Cystic Fibrosis Score Compendium Development. \$45,000 grant.
6. CF Foundation Therapeutic Development Network Award, Renewable Annual: \$108,000. 2012- 15.
7. Genentech Investigator Initiated Trial Award for Omalizumab in Cystic Fibrosis, \$150,000. Phase 3 Efficacy and Safety Study of PTC124 as Oral Treatment for Nonsense Mutation-Mediated Cystic Fibrosis Protocol # PTC 124-GD-009-CF \$121,812.00. 2009-2014.
8. Airborne Pollution in Pediatric Cystic Fibrosis 704-10 Foundation, 2010-14 \$31,940.00
9. Exercise Cardiopulmonary Test Parameters in Cystic Fibrosis, September 2010-14. \$48,039.36
10. Modern Health, Unrestricted Grant Award, 2013: \$75,000.
11. Modern Health, Unrestricted Grant Award, 2014: \$95,000.
12. Sunshine Research Grant, Food Allergy, 2014: \$55,000.
13. Thermo Fisher Food Allergy Diagnostics Grant, 2016: \$150,000

REFERENCES

Available upon request

ABSTRACTS

1. Sarjeet S. Gill, Patricia V. Pietrantonio, Linda S. Ross, **Inderpal S. Randhawa**, and Daniela Oltean. Ion transport in the midgut and malpighian tubules. Presented at the Keystone Proceedings, *Journal of Cellular Biochemistry*, March 1995.
2. C.A. Jones and **I. Randhawa**. Characterization of the Expression of the IL-10 gene in Transfected 3T3 Fibroblasts. Honors thesis dissertation at the University of Southern California, presented 2/97.
3. Dale Umetsu and **Inderpal Randhawa**. Production and Characterization of the Ovalbumin IL-18 Fusion Protein, 6/98-8/98. American Pediatrics Society Grant Fellowship. Presented as thesis research at Northwestern University Research Symposium, 9/2000.
4. **Randhawa** and G Yanni. Cartilage Hair Hypoplasia Syndrome: A Pediatric Case Report of Nonalcoholic Steatohepatitis and Liver Failure. Presented at the Annual Meeting American Academy of Allergy, Asthma, & Immunology, March 2006. Benouni S, Randhawa I, Ferdman R, and Church J. Safety of inhaled corticosteroids in HIV patients. June 2007. Abstract presented at the Annual Meeting, February 2007.
5. **Randhawa I**, Junaid I, and Klaustermeyer WB. Correlation of clinical control and ADRB2 polymorphisms in geriatric COPD and Asthma. Abstract presented at 2009 ATS Conference.
6. Verma P, **Randhawa I**, and Klaustermeyer W. Clinical Efficacy of Omalizumab in an Elderly Veteran Population with Severe Asthma. Abstract presented at 2009 Annual Meeting of the American Academy of Allergy, Asthma & Immunology.
7. Chin T, Williams S, **Randhawa I**, Nussbaum E: Possible Eventual Positive Sweat Chloride Test Results in Children With CFTR-Related Metabolic Syndrome (CRMS). *CHEST*. 2011;140(4):909A. Presented at the CHEST 2011 Annual Meeting in Honolulu, Hawaii on October 23, 2011.
8. Do PC, Kwong KY, **Randhawa I**, Chin T, Nussbaum E.: Interleukin-10 Suppresses Inflammatory Cytokines of Cystic Fibrosis Airway Cells. *Pediatric Pulmonology*. 2011;Supplement 34:264 (#152). Presented at the 25th Annual North American Cystic Fibrosis Conference at Anaheim Convention Center, Anaheim, California, November, 2011.
9. Moua J, Do PC, Chin T, **Randhawa I**, Chen T, Michalik DE, Batra J, Edwards J, Nussbaum E.: Non-Tuberculous Mycobacteria in Cystic Fibrosis Patients: Is Therapy Really Warranted? *Pediatric Pulmonology*. 2011;Supplement 34:327 (#320). Presented at the 25th Annual North American Cystic Fibrosis Conference at Anaheim Convention Center, Anaheim, California, November, 2011.
10. Williams S, Chin T, **Randhawa I**, Nussbaum E. Possible Eventual Positive Sweat Chloride Test Results in Children With CFTR-Related Metabolic Syndrome (CRMS). *Pediatric Pulmonology* 2011;Supplement 34:365.(#423). Presented at the 25th Annual North American Cystic Fibrosis Conference at Anaheim Convention Center, Anaheim, California, November, 2011.
11. Kwong KY, Nussbaum E, **Randhawa I**. Inhibition of Constitutive IL-8 Expression in Vitro Lung Inflammatory Cells from Pediatric Patients with Cystic Fibrosis. 2011 Annual Meeting in San Francisco, California. *Journal of Allergy & Clinical Immunology*, February 2011; Supplement, Volume 127 (2): 2B142.
12. Do P, **Randhawa I**, Chin T, Nussbaum E, Parsapour K.: Successful Management of Plastic Bronchitis in a Child with post Fontan Procedure. *Am J Respir Crit Care Med*;2011;183:A5922. Presented at the May, 2011 ATS International Conference in Denver, Colorado.
13. Kwong Y, Nussbaum E, **Randhawa I**, Rehan V.: Effect of Interleukin-10 (IL-10) on Lung Inflammation in Cystic Fibrosis. 2011 Annual Meeting in San Francisco, California. *Journal of Allergy & Clinical Immunology*, February 2011; Supplement, Volume 127 (2). Control/Tracking Number: 11-LB-4955
14. Williams S, **Randhawa I**, Nussbaum E, Yoonessi L, Liao E: Progression And Prognostic Indicators of Bronchial And Alveolar Disease In Children With Sickle Cell Disease. *Am J Respir Crit Care Med* 2012;185:A6129. Presented May 23, 2012 at ATS, San Francisco.
15. **Randhawa I**, Morphew, T., Kwong, K.; Nussbaum E.: A Novel Scoring System In Cystic Fibrosis: Early Predictors of A 10% Fall In FEV1 â€” A Preliminary Report. *Pediatric Pulmonology* 2012, Supplement 35: 303. Presentation 26th Annual North American Cystic Fibrosis Conference, October 2012.
16. Moua, J.; Nussbaum E.; Liao, E.; **Randhawa I** : Beta-Blocker Management of Refractory Hemoptysis In Cystic Fibrosis: A Novel Treatment Approach. *Pediatric Pulmonology* 2012, Supplement 35: 303. Presentation 26th Annual North American Cystic Fibrosis Conference, October 2012.
17. Singh K, Williams S, Chin T, **Randhawa I**, Do P, Zaragoza, Nussbaum E. Unusual Odds of Identical Genotype for Cystic Fibrosis Transmembrane Conductance Regulator Dysfunction in a Sibship of Eight. Presented at the American College of Medical Genetics Annual Clinical Genetics Meeting. Phoenix AZ. March 22, 2013.
18. Chen J, Radom-Aizik S, **Randhawa I**, Nussbaum E, Cooper M. A Novel Protocol to Detect Impaired Ventilatory Response to Brief Exercise in Cystic Fibrosis. Presented at the American College of Chest Physicians Annual Meeting, Chicago, IL, November 2013.
19. **Randhawa I** and Morphew T. Cystic Fibrosis Patients at High Risk for Disease Progression Marked by Accelerated Decline in FEV1% predicted: Development and Validation of the CF RD-Pro Score. Keynote Presentation at the 2013 Cystic Fibrosis Symposium, Long Beach, CA, November 2013.
20. Wu J and **Randhawa I**. Properdin Deficiency Associated Bronchiectasis. Presented at the Los Angeles Allergy and Immunology Society, December 2013.
21. Hoa T, Nussbaum E and **Randhawa I**. Experience with Bronchoscopy in Young Patients with CRMS and Cystic Fibrosis. Presented at the California Thoracic Society Meeting, Carmel, CA, January 2014.
22. Maharaj S, Nussbaum E, Do P, and **Randhawa I**. 10 Year-Old Female With Chronic Cough. Presented at the American Thoracic Society, May 2014.
23. Shin H, Barletta B, Yoonessi L, Meinardi S, Leu S, Radom-Aizik S, **Randhawa I**, Nussbaum E, Landaw EM, Cooper DM, and Blake DR. A Novel Approach to Asthma Inhaler Compliance Using Breath Measurement of Aerosol. Presented at the American Thoracic Society, May 18, 2014, San Diego, CA.
24. Chen JJ, Nussbaum E, Do P and **Randhawa I**. Considerations In Evaluating Acute Hemoptysis In A 13 Month Old Male. B25. INTERESTING PEDIATRIC CASES. May 1, 2014, A2580-A2580. American Thoracic Society.
25. Yoonessi L, Nussbaum E, Williams S, Do, P, Ngegha O, Uche I, Morphew T, Chin T, and **Randhawa I**. The Effects Of Environmental Factors On Lung Function And Growth Velocity In Sickle Cell Disease. A48. AIR POLLUTION: MECHANISMS AND GLOBAL IMPACT. May 1, 2014, A1660-A1660. American Thoracic Society.
26. **Randhawa I**, Parrish C and Morphew T. Correlation of Negative Tree Nut Skin-Prick Tests and Successful Tree Nut Food Challenges Among Peanut-Allergic Children. *Journal of Allergy and Clinical Immunology* , Volume 137 , Issue 2 , AB399. March 2016.
27. **Randhawa I**, Pham A, Nussbaum E, and Caperton C. Cystic Fibrosis Immunotherapy: Use of Combination Chemotherapy for Treatment of Cystic Fibrosis Lung Disease. *Annals of Allergy, Asthma & Immunology*. November 2016. Presented at the American College of Asthma, Allergy & Immunology.
28. **Randhawa I**. Diagnostic Associations Of Ara h8 and Ara h9 Components In Peanut-allergic Children. November 2016. Presented at the American College of Asthma, Allergy & Immunology. Selected for small plenary session.
29. **Randhawa I**. Correlating RAST, Component Levels, Skin Testing, and Epinephrine Requirements in Patients with Anaphylaxis to Peanut. *Annals of Allergy, Asthma & Immunology*. November 2016. Presented at the American College of Asthma, Allergy & Immunology.
30. **Randhawa I** and Morphew T. Diagnostic Associations Of Ara h8 and Ara h9 Components In Peanut-allergic Children. *Annals of Allergy, Asthma and Immunology*. Volume 117, Number 5, Supplement 1. P168. Nov 2016.
31. **Randhawa I**. et al. Correlating RAST, Component Levels, Skin Testing, and Epinephrine Requirements in Patients with Anaphylaxis to Peanut. *Annals of Allergy, Asthma and Immunology*. Volume 117, Number 5, Supplement 1. P213. Nov 2016.
32. **Randhawa I** et al. Cystic Fibrosis Immunotherapy: Use of Combination Chemotherapy for Treatment of Cystic Fibrosis Lung Disease. *Annals of Allergy, Asthma and Immunology*. Volume 117, Number 5, Supplement 1. O134. Nov 2016.

33. Chong-Wei Cui, Joseph Yusin, **Inderpal Randhawa**. A Non-atopic Child With Recurrent Respiratory Infections Successfully Treated With Mast Cell Therapy. Volume 117, Number 5, Supplement 1. P270. Nov 2016.j
34. Brock J, Nussbaum E, **Randhawa I**. Pleuropulmonary Blastoma, Type 1r. UC San Diego School of Medicine Rare Pediatric Respiratory Disease: Science Shapes Precision Care. Sanford Consortium for Regenerative Medicine, La Jolla, CA. July 6-7, 2017; 25
35. Brock J, Nussbaum E and **Randhawa I**. Allergic Evaluation During Hospitalized Asthma Improves Disease Management Outcomes. Poster Session Presentation and Abstract. May 2018, American Thoracic Society, San Diego, CA.
36. Irina Dralyuk, MD Maged Tanios, MD **Inderpal Randhawa**, MD Arthur Gelb, MD Eliezer Nussbaum, MD. Pilot Study of a Newly Developed Expiratory Positive Airway Pressure Device. Poster Session Presentation and Abstract. May 2018, *American Thoracic Society*, San Diego, CA.
37. **Randhawa I**, Yang B, Marsteller N, and Morphew T. Predictive Decline in Peanut Skin Test and RAST Among Peanut-Allergic Children Undergoing High-Dose Oral Immunotherapy. Oral Presentation. *The American College of Asthma, Allergy and Immunology*. November 2018, Seattle, WA.
38. Kataria N, Nussbaum E, and **Randhawa I**. Oral Presentation. *The North American Cystic Fibrosis Conference*. November 2018, Denver, CO.
39. Nandini Kataria, MD, **Inderpal Randhawa**, MD, Eliezer Nussbaum, MD, Tricia Morphew, Kathryn Singh, Terry Chin, MD, Cyrus Shahriary, MD. Clinical Outcomes in patients with Cystic Fibrosis Transmembrane Regulator-Related Metabolic Syndrome at a Single Center. *American Thoracic Society*. Dallas, Texas. May 2019.
40. Nandini Kataria, MD, **Inderpal Randhawa**, MD, Eliezer Nussbaum, MD, Roy Kao, MD, Jared Shows, MD, Cyrus Shahriary, MD, Terry Chin, MD. Primary Mucoepidermoid Carcinoma of the Lung in a Child. *American Thoracic Society*. Dallas, Texas. May 2019.
41. Nathan Marsteller, **Inderpal Randhawa**. Bronchopulmonary Dysplasia CPAP Model: Novel Initial Findings. *American Thoracic Society*. California Thoracic Society Annual Meeting, January 2020.
42. Yaron Fireizen, Cyrus Shahriary, Dibanni Vasquez, Nastasia Nianiaris, **Inderpal Randhawa**. Idiopathic Pulmonary Hemosiderosis In a Down Syndrome Patient. *Chest*. Volume 158: 4. October 2020.
43. Vicky Masson, Eliezer Nussbaum, **Inderpal Randhawa**, Arthur Gelb, Jay Nadel. FEF 75% Can Detect Unsuspected Bronchiolar Obstruction in Cystic Fibrosis Children Despite Normal Routine Spirometry. *Journal of Cystic Fibrosis*. NACFC Conference, November 2020.
44. Yaron Fireizen, Cyrus Shahriary, Maria E. Imperial, Inderpal Randhawa, Nastasia Nianiaris, Bugsu Ovunc. Pediatric P-ANCA Vasculitis Following COVID-19. *Pediatric Pulmonology*. 11 August 2021
45. Yaron Fireizen, Christopher Babbitt, Susan Adam, Inderpal Randhawa. 709: The Impact of Pneumonia PCR Testing on Antibiotic Therapy for Ventilated PICU Patients. *Critical Care Medicine*. January 2022
46. Yaron Fireizen, Christopher J. Babbitt, Susan Adams, Tricia Morphew, Emanuel T. Ferro, Inderpal Randhawa. The Impact of Pneumonia PCR Panel Testing in the PICU: A Quality Improvement Study. *Journal of Pediatric Intensive Care*. February 2022
47. Yaron Fireizen, Bugsu Ovunc, Janina Krumbek, Nathan Marsteller, Celeste Bangol, Jagmohan Batra, Inderpal Randhawa. Elxacaftor/ivacaftor/tezacaftor effect on microbial density and the microbiome composition. *Authorea*. August 09, 2022.

PUBLICATIONS

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2. K.Y. Kwong, C.A. Jones, R. Cayabab, C. Lecart, C. Stotts, I. **Randhawa**, P. Minoo, and R.A. deLemos. Differential Regulation of IL-8 by IL-1 and TNF in Hyaline Membrane Disease *Journal of Clinical Immunology*, 1998. 18 (1): 71-80.
3. Kwong KY, **Randhawa I**, Saxena J, Morphew T, Jones CA. Ability to control persistent asthma in obese versus non-obese children enrolled in an asthma-specific disease management program (breathmobile). *J Asthma*. 2006 Nov; 43(9):661-6
4. **IS Randhawa**, I Junaid, and WB Klaustermeyer. Allergen immunotherapy in a patient with human immunodeficiency virus: effect on T-cell activation and viral replication. *Ann Allergy Asthma Immunol*. 2007 May;98(5):495-7.
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6. **Inderpal Randhawa** and William B. Klaustermeyer. Oral corticosteroid-dependent asthma: a 30-year review, *Annals of Allergy, Asthma and Immunology*, Vol. 99, No. 4, pp.291-303.
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9. **Randhawa I**, Chin T, and Nussbaum E. Resolution of Corticosteroid Induced Diabetes in Allergic Bronchopulmonary Aspergillosis with Omalizumab Therapy: A Novel Approach. *Journal of Asthma*, 46:5, 445-447.
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11. Chopra P, **Randhawa I**, and Chin T. Novel Asthma Therapies: A Review. *Current Drug Therapy*, Volume 7, Number 1, March 2012, pp. 30-35(6).
12. Moua J, Nussbaum E, Kim YS, Romansky SG, Becker AD, **Randhawa IS**. The persistent thrombus: Complications, diagnosis, and novel treatment intervention. *Pediatr Crit Care Med*. 2011 Feb 10.
13. Verma P, **Randhawa I**, and Klaustermeyer W. Clinical Efficacy of Omalizumab in an Elderly Veteran Population with Severe Asthma. *Asthma and Allergy Proceedings*. Sep-Oct;32(5):346-50.
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15. Maggi JC, Nussbaum E, Babbitt C, Maggi FE, and **Randhawa I**. Pediatric fiberoptic bronchoscopy as adjunctive therapy in acute asthma with respiratory failure. *Pediatr Pulmonol*. 2012 May 15.
16. Do P, **Randhawa I**, Chin T, Parsapour K, and Nussbaum E. Successful Management of Plastic Bronchitis in a Child Post Fontan: Case Report and Literature Review. *Lung*. 2012 Mar 20
17. Do P, Kwong KYC, Nussbaum E, Chin T, Rehan V, and **Randhawa I**. Interleukin-10 Suppresses Inflammatory Cytokines of Cystic Fibrosis Airway Cells. *Pediatric Allergy, Immunology, and Pulmonology*. December 2012, 25(4): 213-219.
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23. Williams S, Nussbaum E, Yoonessi L, Morphew T, and **Randhawa I**.Â Progression and Prognostic Indicators of Bronchial Disease in Children with Sickle Cell Disease. *Lung*. In press. 2014
24. Do, P., **Randhawa, I.**, Nussbaum, E.: Airborne Pollution in Pediatric Cystic Fibrosis: The Role of Carbon Macrophages. Manuscript submitted to *Pediatric Pulmonology*. 2014
25. Moua, J., **Randhawa, I.**, Cooper, D., Nussbaum, E. Exercise Tolerance Test Parameters in Cystic Fibrosis. Manuscript submitted to *J Exercise Phys*. 2014
26. Junaid I, L. Sheinkopf, I. **Randhawa**, et al. Clinical control in the dual diagnosis of Obstructive Sleep Apnea Syndrome and Rhinitis. Manuscript submitted to the *Annals of Allergy, Asthma, and Immunology*, Feb 2014.
27. **Randhawa I**, Pham A, Junaid I, and Klaustermeyer WB. Correlation of clinical control and ADRB2 polymorphism in geriatric COPD and Asthma. Manuscript submitted to *Journal of Allergy & Therapy*. March 2014.
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29. Brock J, Nussbaum E, **Randhawa I** (2017) Pleuropulmonary Blastoma, Type 1R. *MOJ Anat & Physiol* 4(3): 00138. DOI: 10.15406/mojap.2017.04.00138
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CONFERENCE PRESENTATIONS, CHAPTERS & GRAND ROUNDS

Since 2005 Dr. Randhawa has directly presented or participated in the authorship of over 100 academic conferences, peer reviewed publications and educational lectures. Additional information available upon request.