

CV Template of KATRD International Conference 2020

Name	Don D. Sin, MD, FRCPC	
Country	Canada	
Organization	Centre for Heart Lung Innovation, UBC	
Current Position	Director & the De Lazzari Family Chair, Centre for Heart Lung Innovation, St. Paul's Hospital, PHC, Canada Research Chair in COPD, UBC Professor of Medicine	

Educational Background

University of Alberta, Edmonton, AB, Canada	BSc	1985 – 1989	Medical Sciences
University of Alberta, Edmonton, AB, Canada	MD	1987 – 1991	Medicine
University of Alberta Hospital, Edmonton, AB, Canada	Resident	1991 – 1994	Internal Medicine
University of Alberta Hospital, Edmonton, AB, Canada	Resident	1994 – 1996	Respirology
Harvard University, Boston, Massachusetts, USA	Master's in Public Health	1996 – 1997	Public Health
Toronto Rehabilitation Institute Sleep Laboratory, Toronto, ON, Canada	Clinical Research Fellow	1997 – 1999	
Institute for Clinical Evaluative Sciences, Sunnybrook Health Sciences Center, Toronto, ON, Canada	Research Fellow	1998 – 1999	

Professional Experiences

1999 – 2003	Assistant Professor, Department of Medicine, Faculty of Medicine, University of Alberta, AB, Canada
1999 – 2003	Active Staff Physician, Division of Pulmonary Medicine, Department of Medicine, University of Alberta, AB, Canada
2004 – present	Active Staff Physician, Division of Pulmonary Medicine, Department of Medicine, St. Paul's Hospital, Vancouver, BC, Canada
2004 – 2005	Adjunct Associate Professor, Department of Medicine, Faculty of Medicine, University of Alberta, AB, Canada
2004 – 2009	Associate Professor, Department of Medicine, Faculty of Medicine, University of British Columbia, Vancouver, BC, Canada
2006 – 2009	Associate Head of Research, Department of Medicine, St. Paul's Hospital, Vancouver, BC, Canada
2009 – present	Professor of Medicine, Department of Medicine, Faculty of Medicine, University of British Columbia, Vancouver, BC, Canada
2010 – 2017	Site Division Head, Respiratory Medicine, Department of Medicine, St. Paul's Hospital, Vancouver, BC, Canada
2017 – 2018	Chair, Department of Medicine, St. Paul's Hospital, Vancouver, BC, Canada
2018 – 2019	Interim Vice President of Research & Academic Affairs, St. Paul's Hospital, Vancouver, BC, Canada
2018 – present	Director and the De Lazzari Family Chair, Centre for Heart Lung Innovation, St. Paul's Hospital, Vancouver, BC, Canada

Professional Organizations

2008 – present Editorial Board Member, American Journal of Respiratory and Critical Care Medicine
 2009 – present Global Initiative for Chronic Obstructive Lung Disease, Scientific Review
 2013 – present Canadian Institutes for Health Research, Respiratory System Panel
 2007 – 2018 Editorial Board Member, Chest
 2015 – 2016 Respiriology, Associate Editor
 2015 – 2018 Thorax, Associate Editor
 2016 – present Centre for Health Evaluation and Outcome Sciences, External Advisory Board Member
 2016 – present Barcelona Respiratory Network Reviews, International Advisory Board
 2016 – present European Clinical Respiratory Journal
 2016 – present European Clinical Respiratory Journal, International Advisory Board
 2016 – present British Medical Journal, Special Advisor
 2017 – present Associate Editor of Canadian Journal of Respiratory, Critical Care and Sleep Medicine
 2017 – present Section Editor and Associate Editor of European Respiratory Journal Medicine
 2018 – present Associate Editor of Tuberculosis and Respiratory Diseases

Main Scientific Publications (N=526); H-index 98; Citations 47,716

1. Leung JM, Yang CX, Tam A, Shaipanich T, Hackett TL, Singhera GK, Dorscheid DR, **Sin DD**. ACE-2 Expression in the Small Airway Epithelia of Smokers and COPD Patients: Implications for COVID-19. *European Respiratory Journal*. 2020 May 14;55(5):2000688. doi: 10.1183/13993003.00688-2020.
2. Ketelaar ME, Portelli MA, Dijk FN, Shrine N, Faiz A, Vermeulen CJ, Xu CJ, Hankinson J, Bhaker S, Henry AP, Billington CK, Shaw DE, Johnson SR, Benest AV, Pang V, Bates D, Pogson ZEK, Fogarty A, McKeever TM, Singapuri A, Heaney L, Mansur AH, Chaudhuri R, Thomson NC, Holloway JW, Lockett GA, Howarth PH, Niven R, Simpson A, Tobin MD, Hall IP, Wain LV, Blakey JD, Brightling CE, Obeidat M, **Sin DD**, Nickle C, Bossé Y, Vonk JM, van den Berge M, Koppelman GH, Sayers I, Nawijn MC. Phenotypic and functional translation of IL33 genetics in asthma. *Journal of Allergy and Clinical Immunology*. 2020 May 19:S0091-6749(20)30680-1. doi: 10.1016/j.jaci.2020.04.051. Epub ahead of print.
3. Fawcett KA, Obeidat M, Melbourne C, Shrine N, Guyatt AL, John C, Luan J, Richmond A, Moksnes MR, Granell R, Weiss S, Imboden M, May-Wilson S, Hysi P, Boutin TS, Portas L, Flexeder C, Harris SE, Wang CA, Lyytikäinen LP, Palviainen T, Foong RE, Keidel D, Minelli C, Langenberg C, Bossé Y, Van den Berge M, **Sin DD**, Hao K. Variants associated with HHIP expression have sex-differential effects on lung function. *Wellcome Open Research*. 2020 Apr 21;5:111. <https://doi.org/10.12688/wellcomeopenres.15846.1>.
4. Wada T, Jaw JE, Tsuruta M, Moritani K, Tsutsui M, Tam A, Vasilescu DM, Cheung CY, Yamasaki K, Lichtenstein S, Machan L, Gelbart D, Man SP, **Sin DD**. External Radiofrequency as a Novel Extracorporeal Therapy for Emphysema. *European Respiratory Journal*. 2020 May 29:2001422. doi: 10.1183/13993003.01422-2020. Epub ahead of print.
5. Milne S, Yang CX, Timens W, Bossé Y, **Sin DD**. SARS-CoV-2 receptor ACE2 gene expression and RAAS inhibitors. *Lancet Respiratory Medicine*. 2020 Jun;8(6):e50-e51. doi: 10.1016/S2213-2600(20)30224-1.
6. Chalmers JD, Laska IF, Franssen FME, Janssens W, Pavord I, Rigau D, McDonnell MJ, Roche N, **Sin DD**, Stolz D, Suissa S, Wedzicha J, Miravittles M. Withdrawal of Inhaled Corticosteroids in Chronic Obstructive Pulmonary Disease: A European Respiratory Society Guideline. *European Respiratory Journal*. 2020 Jun 4;55(6):2000351. doi: 10.1183/13993003.00351-2020.
7. Leung JM, Yang CX, **Sin DD**. Reply to: "Current Smoking is Not Associated with COVID-19". *European Respiratory Journal*. 2020 Jun 4;55(6):2001340. doi: 10.1183/13993003.01340-2020
8. Leung JM, Yang CX, Sin DD. COVID-19 and Nicotine as a Mediator of ACE-2. *European Respiratory Journal*. 2020 Jun 4;55(6):2001261. doi: 10.1183/13993003.01261-2020
9. Garner JL, Shaipanich T, Hartman JE, Orton CM, Caneja C, Klooster K, Thornton J, **Sin DD**, Slebos DJ, Shah PL. A Prospective Safety and Feasibility Study of Metered CryoSpray (MCS) for Patients with Chronic Bronchitis in COPD. *European Respiratory Journal*. 2020 Jun 25:2000556. doi: 10.1183/13993003.00556-2020. Epub ahead of print.
10. Leung JM, **Sin DD**. Smoking, ACE-2, and COVID-19: Ongoing Controversies. *European Respiratory Journal*. 2020 Jul 16;56(1):2001759. doi: 10.1183/13993003.01759-2020
11. Rabe KF, Martinez FJ, Ferguson GT, Wang C, Singh D, Wedzicha JA, Trivedi R, St Rose E, Ballal S, McLaren J, Darken P, Aurivillius M, Reisner C, Dorinsky P; **ETHOS Investigators**. Triple Inhaled Therapy at

- Two Glucocorticoid Doses in Moderate-to-Very-Severe COPD. *New England Journal of Medicine*. 2020 Jul 2;383(1):35-48. doi: 10.1056/NEJMoa1916046.
12. Yang N, **Sin DD**, Dorscheid DR. Various factors affect lipopolysaccharide sensitization in cell cultures. *Biotechniques*. 2020 Aug;69(2):126-132. doi: 10.2144/btn-2020-0043.
 13. Ryu MH, Lau KS, Wooding DJ, Fan S, Sin DD, Carlsten C. Particle depletion of diesel exhaust restores allergen-induced lung-protective surfactant protein D in human lungs. *Thorax*. 2020 Aug;75(8):640-647. doi: 10.1136/thoraxjnl-2020-214561.
 14. Sadatsafavi M, McCormack J, Petkau J, Lynd LD, Lee TY, **Sin DD**. Should the number of acute exacerbations in the previous year be used to guide treatments in COPD? *European Respiratory Journal*. 2020 Aug 27:2002122. doi: 10.1183/13993003.02122-2020. Epub ahead of print.
 15. Eddy RL, **Sin DD**. Computed Tomography Vascular Tree-in-Bud: A Novel Prognostic Imaging Biomarker in COVID-19? *American Journal of Respiratory and Critical Care Medicine*. 2020 Sep 1;202(5):642-644. doi: 10.1164/rccm.202007-2833ED.
 16. Perez TA, Castillo EG, Ancochea J, Sanza MTP, Almagro P, Martínez-Camblor P, Miravittles M, Rodríguez-Carballeira M, Navarro A, Lamprecht B, Lunaf ASRG, Kaiserg B, Alfagemeh I, Casanova C, Esteban C, Soler-Cataluña JJ, De-Torres JP, Cellim BR, Marinn JM, Lopez-Camposo JL, Rietp GT, Sobradillo P, Langer P, Garcia-Aymerichs J, Antos JM, Turner AM, Hanu MK, Langhammerv A, Sternbergw A, Leivseth L, Bakkey P, Johannessen A, Ogaz T, Cosío B, Echazarreta A, Rocheac N, Burgelad P, **Sin DD**, Puhana MA, Soriano JB. Sex differences between women and men with COPD: A new analysis of the 3CIA study. *Respiratory Medicine*. 2020 Sep;171:106105. doi: 10.1016/j.rmed.2020.106105.
 17. Kerkhof M, Voorham J, Dorinsky P, Cabrera C, Darken P, Kocks JW, Sadatsafavi M, **Sin DD**, Carter V, Price DB. Association between COPD exacerbations and lung function decline during maintenance therapy. *Thorax*. 2020 Sep;75(9):744-753. doi: 10.1136/thoraxjnl-2019-214457.
 18. Tavakoli H, Chen W, **Sin DD**, FitzGerald JM, Sadatsafavi M; Canadian Respiratory Research Network. Predicting Severe COPD Exacerbations: Developing a Population Surveillance Approach with Administrative Data. *Annals of American Thoracic Society*. 2020 Sep;17(9):1069-1076. doi: 10.1513/AnnalsATS.202001-070OC.
 19. **Sin DD**. COVID-19 in COPD: A growing concern. *EClinicalMedicine*. 2020 Sep;26:100546. doi: 10.1016/j.eclinm.2020.100546.
 20. Yang CX, Schon E, Obeidat M, Kobor MS, McEwen L, MacIsaac J, Lin D, Novak RM, Hudson F, Klinker H, Dharan N, Horvath S, Bourbeau J, Tan W, **Sin DD**, Man SFP, Kunisaki K, Leung JM; INSIGHT START study group. Accelerated Epigenetic Aging and Methylation Disruptions Occur in Human Immunodeficiency Virus Infection Prior to Antiretroviral Therapy. *Journal of Infectious Diseases*. 2020 Sep 22:jiaa599. doi: 10.1093/infdis/jiaa599. Epub ahead of print.
 21. Tajima Y, Tsuruta M, Hasegawa H, Okabayashi K, Ishida T, Yahagi M, Makino A, Koishikawa K, Akimoto S, **Sin DD**, Kitagawa Y. Association of surfactant protein D with pulmonary metastases from colon cancer. *Oncology Letters*. 2020 Oct. Epub ahead of print.
 22. Leitaio Filho FS, Mattman A, Schellenberg R, Criner GJ, Woodruff P, Lazarus SC, Albert RK, Connett J, Han MK, Gay SE, Martinez FJ, Fuhlbrigge AL, Stoller JK, MacIntyre NR, Casaburi R, Diaz P, Panos RJ, Cooper JA Jr, Bailey WC, LaFon DC, Sciurba FC, Kanner RE, Yusem RD, Au DH, Pike KC, Fan VS, Leung JM, Man SP, Aaron SD, Reed RM, **Sin DD**. Serum IgG Levels and Risk of COPD Hospitalization: A Pooled Meta-Analysis. *Chest*. 2020 Oct;158(4):1420-1430. doi: 10.1016/j.chest.2020.04.058.
 23. Akata K, Yamasaki K, Leitaio Filho FS, Yang CX, Takiguchi H, Sahin B, Whalen BA, Yang CWT, Leung JM, **Sin DD**, van Eeden SF. Abundance of Non-Polarized Lung Macrophages with Poor Phagocytic Function in Chronic Obstructive Pulmonary Disease (COPD). *Biomedicine*. 2020 Oct 8;8(10):E398. doi: 10.3390/biomedicine8100398.
 24. Kim WD, Chi HS, Choe KH, Kim WS, Hogg JC, **Sin DD**. The Role of Granzyme B Containing Cells in the Progression of Chronic Obstructive Pulmonary Disease. *Tuberculosis and Respiratory Diseases (Seoul)*. 2020 Oct 20. doi: 10.4046/trd.2020.0089. Epub ahead of print.

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