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# *Dr. Yousser Mouhammad*

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Date of Birth: 21-11-1950

## **Education:**

- 2019 International trainer for air-pollution with World Organization of family Doctors (WONCA)
- 2010 Epidemiology, biostatistics surveillance practicum (online from Canada).
- 2006 Diploma "Education for Asthma" Education for health Center of Excellence – UK.
- 2000-2001 Visiting professor to Wayne State University - Department of pulmonary and sleep apnea. Detroit-Michigan, USA.
- 1984 C. E. S. Certificat d'Etudes Spéciales en Pneumologie de l'Université de Paris.
- 1970-1978 Doctorat d'Etat en Médecine. Université de Montpellier, France.

## **Employment Record:**

- 2019-now Trainer for air pollution and health with WONCA.
- 1987-now Professor of pulmonary in Syrian Universities: Tishreen University, Damascus University and Syrian Private University. Consultant in the university hospital. And working for Pulmonary in primary care with Ministry of Health as well.
- 2017 Pulmonary consultant in clinic of the Red Crescent in Damascus.
- 1984-1987 School health primary care in Syria, And pulmonology private clinic.
- 1978-1983 Working in French Hospitals.

## **Active member in:**

- The Union.
- Coordination between Syria and France for "Société de Pneumologie de Langue Française".
- International Member of the American Academy of Asthma, Allergy and Immunology. AAAAI & invited speaker in 2005.
- Assembly member of the Global Initiative for Asthma (GINA), Global Initiative for COPD (GOLD) and national leader.

- Planning group of the Global Alliance Against Chronic Respiratory Disease [www.who.int/gard](http://www.who.int/gard), [www.gard-breathefreely.org](http://www.gard-breathefreely.org)
- Allergic Rhinitis and its impact on asthma: ARIA group.
- WONCA planetary health trainers' group.

### **WHO Consultant for Non communicable Diseases especially Chronic Respiratory Diseases:**

Invited to WHO Geneva 4 times as expert: Primary Care, Package of Essential Non-Communicable Diseases Interventions = PEN, severe asthma, and research day, and recently in IRAN (August 2017- CRD integrated with other NCD in primary care: IraPEN

### **Organization of seminars in Syria – Tishreen University:**

- First Regional asthma meeting in 2003: In collaboration with the Union, GINA
- First Regional Mediterranean 2007.
- 2010 First National and regional conference for Chronic Respiratory Diseases and comorbidities: in collaboration between WHO -EMRO, GARD-WHO and MOH, which resulted on our nomination as Collaborating center with EMRO-WHO, we met once in Dubai with other collaborating centers of WHO-EMRO under the direction of Dr. Ibtihal Fadhil, but due to the war this center is not activated, except with global alliance against chronic respiratory diseases: [www.who.int/gard](http://www.who.int/gard).[www.gard-breathefreely.org](http://www.gard-breathefreely.org).
- And at international level (the first and second COPD Patient conference in Italy and China).

### **Clinical Research:**

Internationally: From my university, we participated to multicenter clinical research:

- IUATLD (Union) 1987: Feasibility of the Implementation of Asthma guidelines in developing countries. & 2003 Survey in Emergency Departments.
- International Study of Asthma and Allergies in Childhood 2001, and now Global Asthma Network [www.globalasthmanetwork.org](http://www.globalasthmanetwork.org).
- Validation of the: SFAR (Score for Allergic Rhinitis).
- Global Alliance Against Chronic Respiratory Diseases: GARD survey on chronic diseases prevalence and risk factors, for primary care in Syria, from my university with the Ministry of Health.
- Local research in collaboration with France, Canada, USA, Auckland, Pakistan ...etc. e.g., Asthma in shelters during the war with the university of Della Lana school of medicine, Toronto. Canada.
- And about COVID with Dr. Bousquet and ARIA members.

## Publications:

- 1- Mohammad Y.; Defects on management of tuberculosis in Syria, Tishreen University Journal; 1990 (5); 30-33.
- 2- Aït-Khaled N, Enarson DA, Bencharif N, Boulahdib F, Camara LM, Dagli E, Djankine TK, Keita B, Karadag B, Ngoran K, Odhiambo J, Ottmani SE, Pham DL, Sow O, Yousser Mohammad, Zidouni N. Implementation of asthma guidelines in health centers of several developing countries. *Int J Tuberc Lung Dis.* 2006 Jan;10(1):104-9.
- 3- Aït-Khaled N, Enarson DA, Bencharif N, Boulahdib F, Camara LM, Dagli E, Karadag B, Ottmani SE, Pham DL, Sow O, Yousser M, Zidouni N. Treatment outcome of asthma after one year follow-up in health centers of several developing countries. *Int J Tuberc Lung Dis.* 2006 Aug;10(8):911-6.
- 4- P. Burney, J. Potts, N. Aït-Khaled, R. M. D. Sepulveda, N. Zidouni, § R. Benali, M. Jerray, O. A. A. Musa, A. El-Sony, N. Behbehani, N. El-Sharif, Y. Mohammad, A. Khouri, B. Paralija, N. Eiser, M. Fitzgerald, R. Abu-Laban. A multinational study of treatment failures in asthma management. *INT J TUBERC LUNG DIS* 12(1):13–18
- 5- Yousser Mohammad, MD, M. Rostum, MD. And Basim A. Dubaybo, MD. Laryngeal Hirudiniasis: An unusual Cause of Airway Obstruction and hemoptysis. *Pediatric pulmonology* 33:224-226(2002).
- 6- Yousser Mohammad, Debra Myers. Questionnaire study of self reported asthma triggers: A case series of East — Mediterranean Syrian patients. *Pak J Chest Med* Dec 2007;13(4):3-10.
- 7- Bousquet, N. Khaltayev, A. A. Cruz, J. Denburg, W. J. Fokkens, A. Togias, T. Zuberbier, C. E. Baena-Cagnani, G. W. Canonica, C. van Weel, I. Agache, N. Aït-Khaled, C. Bachert, M. S. Blaiss, S. Bonini, L.-P. Boulet, P.-J. Bousquet, P. Camargos, K.-H. Carlsen, Y. Chen, A. Custovic, R. Dahl, P. Demoly, H. Douagui, S. R. Durham, R. Gerth van Wijk, O. Kalayci, M. A. Kaliner, Y.-Y. Kim, M. L. Kowalski, P. Kuna, L. T. T. Le, C. Lemiere, J. Li, R. F. Lockey, S. Mavale-Manuel, E. O. Meltzer, Y. Mohammad, J. Mullol, R. Naclerio, R. E. O’Hehir, K. Ohta, S. Ouedraogo, S. Palkonen, N. Papadopoulos, G. Passalacqua, R. Pawankar, T. A. Popov, K. F. Rabe, J. Rosado-Pinto, G. K. Scadding, F. E. R. Simons, E. Toskala, E. Valovirta, P. van Cauwenberge, D.-Y. Wang, M. Wickman, B. P. Yawn, A. Yorgancioglu, O. M. Yusuf, H. Zar, I. Annesi-Maesano, E. D. Bateman, A. Ben Kheder, D. A. Boakye, J. Bouchard, P. Burney, W. W. Busse, M. Chan-Yeung, N. H. Chavannes, A. Chuchalin, W. K. Dolen, R. Emuzyte, L. Grouse, M. Humbert, C. Jackson, S. L. Johnston, P. K. Keith, J. P. Kemp, J.-M. Klossek, D. Larenas-Linnemann, B. Lipworth, J.-L. Malo, G. D. Marshall, C. Naspitz, K. Nekam, B. Niggemann, E. Nizankowska-Mogilnicka, Y. Okamoto, M. P. Orru, P. Potter, D. Price, S. W. Stoloff, O. Vandenplas, G. Viegi, D. Williams . Allergic Rhinitis and its Impact on Asthma (ARIA) 2008. *Allergy* 63 (s86), 8–160 doi:10.1111/j.1398-9995
- 8- Yousser Mohammad, Mouna Kakah, Yasser Mohammad; CHRONIC RESPIRATORY EFFECT OF NARGUILEH SMOKING COMPARED TO CIGARETTE SMOKING IN WOMEN FROM THE EAST

- 9- Y. Mohammad, S. Mohammad, K. Tabbah, F. Yasine, M. Hassan, T. Clayton. The International Study of Asthma and Allergies in Childhood phase III in Syria, East Mediterranean Health Journal. 2010; 16(7): 710-71.
- 10- JP Piau, C Massot, D Moreau, N Ait-Khaled, Z Bouayad, Y Mohammad, F. Khaldi, O. Bah-Sow, L Camara, NB Koffi, J M' Boussa, A Elsoni, O Musa, J Bousquet, I Annesi-Maesano. Assessing allergic rhinitis in Developing Countries: Int J Tuberc Lung Dis. 2010 Apr;14(4):506-12
- 11- Bousquet J. et al., Unmet needs in severe chronic upper airway disease (SCUAD), JACI 24(3): 428-433.
- 12- Rostrum. Allergic Rhinitis and its Impact on Asthma (ARIA): Achievements in 10 years and future needs. Jean Bousquet et al. J Allergy Clin Immunol. 2013 Feb;131(2):618
- 13- Bousquet, et al. Severe chronic allergic (and related) diseases: a uniform approach – a MeDALL-GA2LEN-ARIA Position Paper. In collaboration with the WHO Collaborating Center for Asthma and Rhinitis. Int Arch Allergy Immunol. 2012;158(3):216-31.
- 14- Yousser Mohammad, Rafea Shaaban, Bassam Abou Al-Zahab, Nikolai Khaltsev, Jean Bousquet, Basim Dubaybo. Impact of active and passive smoking as risk factors for asthma and COPD in women presenting to primary care in Syria: first report by the WHO-GARD survey group.: International Journal of Chronic Obstructive Pulmonary Diseases. October 2013-11-04
- 15- Yousser Mohammad, Antje-H. Fink-Wagner, Dmitry Nonikov. Assets and needs of respiratory patient organizations: differences between developed and developing countries. J Thorac Dis 2013 May 21. doi: 10.3978/j.issn.2072-1439.2013.08.72
- 16- ISAAC phase three publications: <http://isaac.auckland.ac.nz/publications/worldwide.php>
- 17- Workshop summary. Uniform definition of asthma severity, control, and exacerbations: Document presented for the World Health Organization Consultation on Severe Asthma, Jean Bousquet, MD, PhD, Carlos E. Baena-Cagnani, MD, Eva Mantzouranis, MD, PhD, Eugene R. Bleeker, MD, Peter Burney, MA, MD, FRCP, FFPH, FMedSc, Thomas B. Casale, MD, Kian Fan Chung, DSc, MD, Stephen T. Holgate, MD, DSc, James P. Kiley, PhD, Moira Chan-Yeung, MD, Alvaro A. Cruz, MD, Nadia Ait-Khaled, MD, PhD, Chris E. Brightling, MRCP, PhD, Andrew Bush, MD, FRCP, FRCPC, Ronald Dahl, MD, DrMedSci, Rongchang Chen, MD, Francine Kauffmann, MD, Mohammad R. Masjedi, MD, William W. Busse, MD, Badrul Chowdhury, MD, PhD, Jeffrey M. Drazen, MD, Tari Haahtela, MD, Yousser Mohammad, MD, Leonardo M. Fabbri, MD, Nikolai Khaltsev, MD, PhD, Paul O'Byrne, MB, FRCPI, FRCP(C), FRCPE, FRCP(Glas), Martyn R. Partridge, MD, Klaus F. Rabe, MD, PhD, Alkis Togias, MD, Christiaan van Weel, MD, PhD, Sally Wenzel, MD, Nanshan Zhong, MD, and Torsten Zuberbier, MD, PhD. 2010 J ALLERGY CLIN IMMUNOL VOLUME 126, NUMBER 5: Page 926-938.
- 18- Mohammad Y, Shaaban R, Ibrahim M, Ismail M. Lung function changes in non-asthmatic allergic rhinitis

- patients: a case series. *Prim Care Respir J* 2011;20(4):454-456. DOI:
- 19- Mohammad Y, Shaaban R, Yassine F, Allouch J, Daaboul N, Bassam A, Mohammad A, Taha D, Sabba S, Dyban G, Al-Sheih K, Balleh H, Ibrahim M, Al Khaer H, Dayoub M, Halloum R, Fadhil I, Abbas A, KHouri A, Khaltaev N, Bousquet J, Khaddouj M, Suleiman I, Meri M, Bakir M, Naem A, Said H, Al-Dmeirawi F, Myhoub H, Dib G. Executive summary of the multicenter survey on the prevalence and risk factors of chronic respiratory diseases in patients presenting to primary care centers and emergency rooms in Syria. *J Thorac Dis* 2012 Dec 13. DOI: 10.3978/j.issn.2072-1439.2011.11.07.
- 20- Yousser Mohammad, Rafea Shaaban, Bassam Abou Al-Zahab, Nikolai Khaltaev, Jean Bousquet, Basim Dubaybo. Impact of active and passive smoking as risk factors for asthma and COPD in women presenting to primary care in Syria: first report by the WHO-GARD survey group. *International Journal of Chronic Obstructive Pulmonary Diseases*. October 2013-11-04.
- 21- Mohammad Y. Passive smoking interference with wheezing and asthma Short Review of current knowledge. *Pulmonology and Respiratory Research*. 2015. ISSN 2053-6739 | Volume 3 | Article 2.
- 22- Mohammad Y, Shaaban R, Hassan M, Yassine F, Mohammad S, Tessier JF, Philippa Ellwood: Respiratory effects in children from passive smoke of cigarettes and narghile: ISAAC Phase Three in Syria. *Journal of Tuberculosis and Lung Diseases*. ISAAC Phase Three in Syria. *Int J Tuberc Lung Dis*. 2014; 18:1279-84.
- 23- Mohammad Y, Yassine F, Khadouj M. Comorbidities in 99 COPD patients: A case series from Syria. *J Transl Intern Med* 2015; 167-170.
- 24- Yousser Mohammad. "Managing Bronchial Asthma in Primary Health Care (PHC) in Syria as Example of Middle-Income Developing Country: An Expert Opinion". *EC Pulmonology and Respiratory Medicine* 1.S1 (2015): S1-S5.
- 25- Mohammad Y, Haffar L, Adib A, Hamdan Z, Dubaybo B. Deux cas de tuberculose endobronchique). *Rev Pneumol Clin*. 2016 Jan 8. pii: S0761-8417(15)00119-4. doi: 10.1016/j.pneumo.2015.08.001.
- 26- Zien Alaabden A, Mohammad Y, Fahoum S. The role of serum surfactant protein D as a biomarker of exacerbation of chronic obstructive pulmonary disease. *Qatar Med J*. 2016 Jan 26;2015(2):18. doi: 10.5339/qmj.2015.18. eCollection 2015.
- 27- Yousser Mohammad and Osman Yusuf, "Dedicated to our western colleagues, and Eastern Asian colleagues. How to deal with Asthma and COPD patients during Holy Ramadan". *EC Pulmonology and Respiratory Medicine* 4.1(2017):0-4-07.
- 28- Mohammad Y, Rafea S, Latifeh Y, Khaddam A, Sawaf B, Zakaria MI, Al Masalmeh MS, Fawaz Y, Allaham A, Almani I, El-Tarcheh H, Ghazal A, Zaher A, Rifai H, Joumah H, Glockler-Lauf SD, To T. Uncontrolled and under-diagnosed asthma in a Damascus shelter during the Syrian crisis. *J Thorac Dis* 2017;9(9):3415-3424. doi: 10.21037/jtd.2017.08.86

- 29- Unusual Pulmonary Masses in Beta Thalassemia Major. Abeer Kaddar, Youssef Mohammad, Salwa Alcheikh. *EC Pulmonology and Respiratory Medicine* 2.5-2016: 181-186
- 30- Youssef Mohammad and Basim Dubaybo. Managing Bronchial Asthma in Underprivileged Communities. In: *Asthma*, Celso Pereira, Editor. 2016. (Published by Intech, Rijeka, Croatia)
- 31- Mohammad Y. Lung Microbiome: The essential to know. *J Lung Health & Dis* (2018) 2(3): 4-5
- 32- Dr. Youssef Mohammad. Controversy on the use of inhaled CORTICOSTEROIDS IN CHRONIC OBSTRUCTIVE PULMONARY DISEASE(COPD): THE ESSENTIAL TO KNOW. *World Journal of Pharmaceutical Research*. Volume 7, Issue 12, 118-124.
- 33- Youssef Mohammad, 1,2 Loai Nahass, 1 Ismael Zakaria 1 and Bisher Sawaf 1. Waterpipe Tobacco Smoking and the Lungs—Short Notice. *TOUCH MEDICAL MEDIA. US Respiratory*: DOI: <https://doi.org/10.17925/USRPD.2018.13.1.KET> REFERENCE 2010
- 34- Adapting international asthma management guidelines to regions of turmoil: The Syrian Experience. Mohammad, Y: Shaaban, R, Dubaybo, B. s.l.: SSRN, 2018.
- 35- Bousquet J, Mohammad Y, Bedbrook A, To T, McGihon R, Bárbara C, Melo-Gomes E, Rosado-Pinto J, Simão P, George F, Punturieri A, Kiley JP, Nunes E, Cossa A, Camargos P, Stelmach R, Cruz AA, Rostan MV, Yañez A, González-Díaz SN, Urrutia-Pereira M, Calderon MA, Gómez RM, German Z, Kolek V, Špičák V, Lan LTT, Hurd S, Lenfant C, Yorgancioglu A, Gemicioğlu B, Ekinçi B, Ozkan Z, Abou Al-Zahab B, Dmeirieh A, Shifa R, Faroun H, AlJaber A, Halloum R, Fatmeh Y, Alzein A, Aloush J, Dib G, Shaaban R, Arrais M, do Céu Teixeira M, Conceição C, Ferrinho P. Country activities of Global Alliance against Chronic Respiratory Diseases (GARD): focus presentations at the 11th GARD General Meeting, Brussels. *J Thorac Dis*. 2018 Dec;10(12):7064-7072. doi: 10.21037/jtd.2018.12.84.
- 36- Youssef Mohammad, and Omayma Ddddoush "it is time to provide a proper training on pulmonary Function Tests in secondary care Hospitals in developing countries". *EC Pulmonary and Respiratory Medicine* 8.3 (2019)
- 37- Y. Mohammad, B. Dubaybo. MO Yusuf: How to manage asthma during Ramadan. *Comment gerer l'asthme pendant le Ramdan.*: *La Tunisie Medicale* 2019: Vol 97(10). Adapting international asthma management guidelines to regions of turmoil: The Syrian Experience. Mohammad, Y: Shaaban, R, Dubaybo, B. s.l. : SSRN, 2018.
- 38- Mohammad Y, Shaaban R, Salman HA, Shabraq BN, Dubaybo B. improving the quality of hospital care provided for asthma out-patients in a country in turmoil: a report from Syria. *J Thorac Dis*. 2019 Mar;11(3):1047-1055. doi: 10.21037/jtd.2019.02.76. PMID:
- 39- Youssef Mohammad, Roua Abdullah, Nizar Daher and Nazir Ibrahim. Prescribing antibiotics in the emergency room of Damascus hospital.. *EC Pulmonary and Respiratory Medicine* (2019).
- 40- Mohammad Y, Waked M, Hamzaoui A. (2019). *Chronic Respiratory Diseases in the Arab World*. Springer.

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- 41- Haahtela T, von Hertzen L, Anto JM, Bai C, Baigenzhin A, Bateman ED, Behera D, Bennoor K, Camargos P, Chavannes N, de Sousa JC, Cruz A, Do Céu Teixeira M, Erhola M, Furman E, Gemicioğlu B, Gonzalez Diaz S, Hellings PW, Jousilahti P, Khaltaev N, Kolek V, Kuna P, La Grutta S, Lan LTT, Maglakelidze T, Masjedi MR, Mihaltan F, Mohammad Y, Nunes E, Nyberg A, Quel J, Rosado-Pinto J, Sagara H, Samolinski B, Schraufnagel D, Sooronbaev T, Tag Eldin M, To T, Valiulis A, Varghese C, Vasankari T, Viegi G, Winders T, Yañez A, Yorgancioğlu A, Yusuf O, Bousquet J, Billo NE. Helsinki by nature: The Nature Step to Respiratory Health. *Clin Transl Allergy*. 2019 Oct. 30; 9:57. doi: 10.1186/s13601-019-0295-2.
- 42- Seham Sulaiman<sup>1</sup>, Yousser Mohammad<sup>2</sup>, Razan Fallouh<sup>3</sup>, Sara Ashiti<sup>3</sup> and Abdullah Omar. Lung Cancer Patients in Al Bairouni Hospital: Auditing Diagnosis and Risk Factors. *EC Pulmonology and Respiratory Medicine* 8.10 (2019): 737-743.
- 43- Idiopathic Pulmonary Fibrosis (IPF) Diagnosis and Workup, Habib A Ruba, Yassine Mais, Azhari Khusama, Yousser Mohammad, Idiopathic Pulmonary Fibrosis (IPF) Diagnosis and Workup”. *EC Pulmonology and Respiratory Medicine* 9.2 (2020): 01-03.
- 44- Sun S, Yang Y, Chen M, Wang L, Pan H, Zhang X, Wagnieres G, Mohammad Y, Barreiro E, Pirozzolo G, Villeneuve PJ, Zhan P, Wan B; written on behalf of the AME Lung Cancer Collaborative Group. Comparison of autofluorescence and white-light bronchoscopies performed with the Evis Lucera Spectrum for the detection of bronchial cancers: a meta-analysis. *Transl Lung Cancer Res*. 2020 Feb.; 9(1):23-32. doi: 10.21037/tlcr.2020.01.04.
- 45- Yousser Mohammad: Community acquired Pneumonia in developing countries. *Pneumonia*. *WJPR* .2020;9(2):56-5.
- 46- Mohammad Y, Brough G. The impact of conflict on asthma. *J Thorac Dis* 2019. doi; 10. 21037/jtd 2019.07.1
- 47- Ahmed A Alhusein, Yousser Mohamad. “N95 Respirators vs. Surgical Masks, which One is More Effective to Prevent Novel Corona Virus 2019? A Mini-Review”. *EC Pulmonology and Respiratory Medicine* 9.6 (2020): 65-70.
- 48- To T, Viegi G, Cruz AA, Taborda-Barata L, Asher I, Behera D, Bennoor K, Boulet LP, Bousquet J, Camargos PAM, Conceição C, Diaz SG, El Sony A, Erhola M, Gaga M, Halpin D, Harding L, Maghlakelidze T, Masjedi MR, Mohammad Y, Nunes E, Pigearias B, Sooronbaev T, Stelmach R, Tsiligianni I, Tuyet LLT, Valiuis.
- 49- A, Wang C, Williams S, Yorgancioglu A. *European Respiratory Journal: 2020: A Global Respiratory Perspective on the COVID-19 Pandemic: Commentary and Action Proposals*.
- 50- 4 original papers under consideration for CORONA, and air pollution.

## **Participation in three educational booklets:**

With, International COPD Coalition, IPCRG & WONCA:

- Oximetry Pocket guide 2010
- Oxygen and Assisted Ventilation Pocket Guide for COPD patients 2011
- Oxygen and Assisted Ventilation Pocket Guide for COPD for Physicians 2011
- Elaboration of a Kit for education of patients with COPD.in three languages: Arab, French, English.

## **Editor:**

- Director of the GARD Section [nwww.who.int/Gard](http://www.who.int/Gard), in the journal of Thoracic diseases: <http://jtd.amegroups.com>, [www.jthoracdis.com](http://www.jthoracdis.com).
- Associate Editor: BMC pulmonary medicine. [http: bmcpulmed.biomedcentral.com](http://bmcpulmed.biomedcentral.com).
- And reviewers in many international journals including WHO bulletin.

## **Foundations:**

- Fonder of a civil society during the war: Helping chronic respiratory diseases patients.
- Fonder of WHO- GARD, Collaborating centre in Tishreen University for Chronic Respiratory Diseases and co-morbidities.

After the GARD-WHO survey on CRD: I directed from the Center of Research for CRD in Tishreen University- Lattakia, the edition of a book: Technical Guide for management of CRD in 2016- Supported by WHO country office. Followed by the initiation of (National Committee for CRD), by MOH, MOHE and WHO country office. I am Scientific coordinator for this national committee. We adopt the National Practical Guide for chronic respiratory diseases in primary care for training. We produced brochures and standard training package. we posted on the ministry of health website, and Tishreen University website. We updated this guide it in 2020 and its under publication by WHO country office.

**June 2022**