

Technical Review Panel Member

Curriculum Vitae

Name: Asma El Sony

Nationality: Sudanese

Additional languages: Arabic (native speaker) English, understands Russian

Expertise: Tuberculosis and Public Health

Qualifications

Qualification	Institution	Department	Year
PhD	University of Oslo, Norway	International Health	2005
DTCD	Cardiff University	Respiratory Medicine	1980
MD	Moscow 2nd Medical Institute	Not applicable	1975

Employment History

Employer	Position	Place	Year
Epi-Lab	Head scientific Activities	Khartoum	Since 2014- Todate
Various, mostly: - World Health Organization Geneva and EMRO - USAID (via	Free Lancer Consultant /Reviewer	Nepal, East Timor, South Africa, Egypt, Algeria, Morocco, Malawi Ethiopia, South Africa, Benin, India, Kenya,	2006 ongoing

Consultancy agencies) - The UNION -NORAD -Caritas Norway -Coordinator the Horn of Africa Initiative (HATCI) (2005-2008) WHO AFRO & EMRO for Yemen, Kenya, Uganda, Sudan, Djibouti, Eretria and Ethiopia. who.int/hq/1999/WHO-EM_TUB_220_E_L.pdf		Thailand, Oslo, Vietnam, among others	
Federal Ministry of Health	TB Program Manger Senior Consultant- Department of Respiratory Medicine Shaab Teaching Hospital	Sudan	1999-2008
University of Juba	Lecturer	Juba	1981-86

Relevant Publications

1. Prevalence and risks of tuberculosis multimorbidity in low-income And middle-income countries: a meta-review Alexander Jarde ,1 Eugenia Romano,2 Saima Afaq,3,4 Asma Elsony,5 Yan Lin,6 Rumana Huque ,7 Helen Elsey ,1,8 Kamran Siddiqi ,1,8 B Stubbs,2 Najma Siddiqi BMJ Open 2022;12:e060906. doi:10.1136/ bmjopen-2022-060906

2. A Global Respiratory Perspective on the COVID-19 Pandemic: Commentary and Action Proposals Teresa To, Giovanni Viegi, Alvaro Cruz, Luis Taborda-Barata, Monica Asher, Digambar Behera, Kazi Bennoor, Louis-Philippe Boulet, Jean Bousquet, Paulo Camargos, Claudia Conceição, Sandra Gonzalez Diaz, Asma El-Sony, Marina Erhola, Mina Gaga, David Halpin, Letitia Harding, Tamaz Maghlakelidze, Mohammad Reza Masjedi, Yousser Mohammad, Elizabete Nunes, Bernard Pigearias, Talant Sooronbaev, Rafael Stelmach, Ioanna Tsiligianni, Le Thi Tuyet Lan, Arunas Valiulis, Chen Wang, Sian Williams, Arzu

Yorgancioglu Please cite this article as: To T, Viegi G, Cruz A, et al.. Eur Respir J 2020; in press (<https://doi.org/10.1183/13993003.01704-2020>).

3. Chiang CY, El Sony A. (2020) "Tackling the threat of COVID-19 in Africa: an urgent need for practical planning". *Int J Tuberc Lung Dis.* 24 (5), 541-542. <https://10.5588/ijtld.20.0192>. PMID: 32398210.

4. Laura Dean, Angela Obasi, Asma El Sony, He is suitable for her, of course he is our relative": a qualitative exploration of the drivers and implications of child marriage in Gezira State, Sudan. *May 2019 British Medical Journal Global Health* 4(3): e001264, DOI: ,10.1136/bmjgh-2018-001264.

5. Elduma AH, A. ElSony. Assessment of the risk factors with multidrug-resistant tuberculosis in Sudan: a case-control study *Epidemiology and Health.* 2019;41.e2019014,2019, April,20, journal-article <https://doi.org/10.4178/epih.e2019014>

6. The Global Asthma Report (GAR) 2018, Global Asthma Network (GAN) Innes Asher, Nils Billo, Karen Bissell, Chiang Chen-Yuan, Philippa Ellwood, Asma El Sony, Luis García-Marcos, Javier Mallol, Guy Marks, Neil Pearce, David Strachan.

7. <http://www.globalasthmareport.org/Global%20Asthma%20Report%202018.pdf>

8. Hassanain, S.A., Edwards, J.K., Venables, E., Emilie Venables, Engy Ali, Khadiga Adam, Hafiz Hussien and Asma Elsony (2018) Conflict and tuberculosis in Sudan: a 10-year review of the National Tuberculosis Programme, 2004-2014. *Conflict and Health* 12, Article 18. <https://doi.org/10.1186/s13031-018-0154-0>.

9. Essential Medicines at the National Level: The Global Asthma Network's Essential Asthma Medicines Survey 2014 Karen Bissell, Philippa Ellwood, Chen-Yuan Chiang, Asma ElSony, Christophe Perrin Innes Asher Nils Eric Billo, Guy B Marks, UNSW Sydney, February 2019, *International Journal of Environmental Research and Public Health* 16(4):605, DOI: 10.3390/ijerph16040605.

10. Calling time on asthma deaths in tropical regions—how much longer must people wait for essential medicines? December 2018, *The Lancet Respiratory Medicine* 7(1) DOI: 10.1016/S2213-2600(18)30513-7, Innes Asher, Karen Bissell, Chen-Yuan Chiang, Asma ElSony, David Strachan.

11. A comparison of smartphone and paper data-collection tools in the Burden of Obstructive Lung Disease (BOLD) study in Gezira state, Sudan Rana Ahmed 1,2, Ryan Robinson 2, Asma Elsony 1, Rachael Thomson 2, S. Bertel Squire 2, Rasmus Malmberg 3, Peter Burney 4, Kevin Mortimer 2, * Date: Mar. 8, 2018 *PLoS ONE* (Vol. 13, Issue 3) Publisher: Public Library of Science

12. Asher, Innes, Bissell, Karen, Chiang, Chen-Yuan, El Sony, Asma, Ellwood, Philippa, García-Marcos, Luis, Marks, Guy B, Mortimer, Kevin , Pearce, Neil and Strachan,

13. Validation of the modified International Study of Asthma and Allergies in Childhood questionnaire: Is wheeze alone enough for determination of asthma symptoms prevalence? - Aamir Magzoub, Omer Abel Aziz Musa, Asma Elsony, Azza O Alawad, Ogail Yousif Dawod *Medicine* 2017.
14. Chronic respiratory disease in adults treated for tuberculosis in Khartoum, Sudan AU: R. K. Osman, K. Mortimer, G. Bjune, and A. I. El Sony *SO: Public Health Action* :VolVolume 6(3); 2016 Sep.
15. Chapter 6. Towards a Holistic Perception of Health: The Interrelationships with Identity and Mobility, Asma Elsony, Sara Hassanain, and Pindai Sithole, In *Networks of Knowledge Production in Sudan: Identities, Mobilities, and Technologies*, edited by Sondra Hale and Gada Kadoda. Lanham, MD: Lexington Books.
16. Peak flow meter and spirometer uses challenges in developing countries, the 47th Union World Conference on Lung Health Liverpool, 26-29 Oct 2016 Asma ElSony Rashid kmal.
17. The Global Asthma Network rationale and methods for Phase I global surveillance: prevalence, severity, management and risk factors Philippa Ellwood¹, M. Innes Asher¹, Nils E. Billo², Karen Bissell^{3,4}, Chen-Yuan Chiang^{4,5,6}, Eamon M. Ellwood¹, Asma El-Sony⁷, Luis García-Marcos⁸, Javier Mallol⁹, Guy B. Marks¹⁰, Neil E. Pearce¹¹ and David P. Strachan¹² *Eur Respir J* 2017;49:1601605 [<https://doi.org/10.1183/13993003.01605-2016>].
18. Squire, Bertie , Thomson, Rachael, Namakhoma, Ireen, El Sony, Asma, Kritski, Afranio and Madan, Jason (2015) 'Catastrophic care-seeking costs as an indicator for lung health.'. *BMC Proceedings*, Vol 9, Issue Suppl 10, S4.
19. Standard case management of asthma in Sudan: a pilot project A. I. El Sony,¹C-Y. Chiang,^{2,3,4}E. Malik,⁵S. A. Hassanain,¹H.Hussien,¹A.H.Khamis,¹ 6 A. F. Bassilli,⁷ D.A. Enarson² ; *Public Health Action: VOL 3 NO 3 PUBLISHED 21 SEPTEMBER 2013*.
20. Asthma in the global NCD agenda: a neglected epidemic Neil Pearce, Innes Asher, Nils Billo, Karen Bissell, Philippa Ellwood, Asma El Sony, Luis Garcla-Marcos, Chen-Yuan Chiang, Javier Mallol, Guy Marks, David Strachan www.thelancet.com/respiratory Vol 1 April 2013.
21. Association Of Allergic Rhinitis And Asthma Symptoms In Sudanese University Students And Workers Aamir Magzoub, Omer Abdel Aziz Musa, Azza O. Elawad, Ogail Y. Dawoud, Asma I. Elsony, *Medicine, ATS* 2012 (First Publication: 1 May 2012)
22. Prevalence of asthma symptoms in adult university students and workers in Elobeid – West Sudan Omer Abdel Aziz Musa, Aamir Magzoub, Asma I. Elsony, *Medicine* 2011 (First Publication: 1 September 2011)

23. Tuberculosis in women and children: Ben J Marais, Amita Gupta, Jeffrey R Starke, Asma El Sony [The lancet.com/pdfs/journals/lancet/PIIS014067361060579X.pdf](http://www.lancet.com/pdfs/journals/lancet/PIIS014067361060579X.pdf) Vol 375 June 12, 2010 DOI:10.1016/S0140-6736(10)60579-X
<http://www.biomedexperts.com/Profile.bme/362861>.

24. Piau, J.P.; Massot, C.; Moreau, D.; Aït-Khaled, N.; Bouayad, Z ;.Mohammad, Y.; Khaldi, F.; Bah-Sow, O.; Camara, L.; Koffi, N.B ;.M'Boussa, J.; El Sony, A.; Moussa, O.A.; Bousquet, J.; Annesi-Maesano ,I, Assessing allergic rhinitis in developing countries,: The International Journal of Tuberculosis and Lung Disease, Volume 14, Number 4, April 2010 , pp. 506-512(Publisher: International Union Against Tuberculosis and Lung Disease).

25. Enarson DA, Ait-Khaled N, Chiang C-Y, El-Sony A, Enarson PM, Gninafon M, Kan X-H, Slama K. Lung Health Consequences of Exposure to Smoke from Domestic Use of Solid Fuels: A guide for low-income countries on what it is and what to do about it. Paris, France: International Union Against Tuberculosis & Lung Disease, 2009. ISBN: 978-2-914365-54-3.

26. 30. Salieh M, Bashir S, Elmouse H K, Enarson D A, Mustafa N, Dahab Z S E, El Sony A. Participating in global tobacco research: the experience of a low-income country, Sudan. Paris, France: International Union Against Tuberculosis and Lung Disease, 2009. ISBN: 978-2-914365-57-4.

27. Enarson D A, Ait-Khaled N, Chiang C-Y, El Sony A, Enarson P M, Gninafon M, Kan X-H, Slama K. Lung Health Consequences of Exposure to Smoke from Domestic Use of Solid Fuels: A guide for low-income countries on what it is and what to do about it. Paris, France: International Union Against Tuberculosis & Lung Disease, 2009. ISBN: 978-2-914365-54-3.

28. Int J Tuberc Lung Dis. 2008 Jan;12(1):13-8. A multinational study of treatment failures in asthma management. Burney P1, Potts J, Aït-Khaled N, Sepulveda RM, Zidouni N, Benali R, Jerray M, Musa OA, El-Sony A, Behbehani N, El-Sharif N, Mohammad Y, Khouri A, Paralija B, Eiser N, Fitzgerald M, Abu-Laban R.

29. 34. A research agenda for childhood tuberculosis Christine Sizemore, Asma El Sony, Leila Srour, Jeff Starke, Hugo Vrakkin [WHO/HTM/TB/2007.381](http://www.who.int/htm/tb/2007.381) [WHO/FCH/CAH/07.02](http://www.who.int/fch/cah/07.02)

30. Aït-Khaled N, Enarson DA, Ottmani S, El Sony A, Eltigani , Sepulveda R. Chronic airflow limitation in developing countries: burden and priorities. Int J Chron Obstruct Pulmon Dis. 2007 June; 2(2): 141–150

31. A.I.El Sony, S.A Mustafa, Ah Khamis, D A Enarson G Bjune The costs to Health Services of Human immunodeficiency virus (HIV) co-infection among Tuberculosis patients in the Sudan. Health Policy Elsevier 75, 2006, 272-279.

32. A. I. El-Sony, S. A. Mustafa, AH Khamis, DA Enarson, O Baraka, SA Mustafa, G Bjune Treatment results of DOTs in 1797 Sudanese Tuberculosis patients with and without HIV infection. 6(12), Int J Tuberc Lung Dis 2002, 1058-1066. [PubMed 12546113]

Additional Information: El Sony has led and contributed work, published Public Health Action (PHA), the Lancet, the International Journal of Tuberculosis and Lung Disease (IJTLD), Elsevier Journals, PubMed Central (PMC), the WHO Bulletin among other-reviewed journals in the discipline plus chapters in 3 books, with a 4th in press.

Professor El Sony has published nearly 70 articles and delivered dozens of papers and lectures internationally, a number, of which are keynote addresses. She has a paper writing strategy that will deliver a series of publications from the 700,000 portfolio, of, MRC, LHL, WHO, GF, NORAD funded projects. Professor El Sony has initiated and been attached to collaborating research groups in various countries Egypt, Algeria, Morocco, Malawi Ethiopia, South Africa, Benin, India, New Zealand, the United Kingdom and Sudan.

El Sony served as academic supervisor for a large number of Master and PhD students from Africa, Japan, Norway, East Tumor, Saud Arabia, Canada and the United Kingdom

AWARDS & PROFESSIONAL ASSOCIATION

- 2017: Received Princess Chichibu Memorial TB Global Award
- 2015: Awarded honorary Membership of UNIONS of Scientific Activities
- 2013: Awarded honorary doctorate in the in Science in from Ahfad University for Women
- 2006: Awarded “Eminent Scientist of the year 2006” by the International Research Promotion Council Sudan

Relevant Info:

Chair the rMDR Committee for WHO EMRO Region,2016-2018 Led a number “Joint External TB Monitoring Mission for EMRO and Globally”.

- Co-Chair Technical Advisory Committee/Global Drug Facility GDF/WHO Geneva 2011-2016.
- Co-Chair Technical Advisory TB Reach 2012-2015.
- Led the Technical Review of Melinda Gates Foundation/Malawi/UNION project aimed to significantly to reduce childhood deaths from pneumonia currently an expanded evidence-based project with embedded Oxygen Production and Delivery.
- Technical Assistance for HLSP/Mott MacDonald House London: Led the desk review and selection process for the Global Fund Technical Review Panels 2010.