Technical Review Panel Member

Curriculum Vitae

Name: Luis E. Cuevas
Nationality: Guatemala
Additional languages: English, Spanish, Portuguese
Expertise: Tuberculosis

Qualifications

Qualification	Institution	Department	Year
MD	San Carlos University	NA	1981
Paediatric residency training	San Carlos University	San Juan de Dios Hospital	1984
Diploma in Tropical Paediatrics (DTCH)	Liverpool School of Tropical Medicine	Tropical Paediatrics	1985
Masters in tropical Medicine	Liverpool School of Tropical Medicine	Tropical Medicine	1986

Employment History

Employer	Position	Place	Year
Liverpool School of Tropical Medicine	Head, Department of Clinical Sciences, Head Tropical Clinical Trials Unit.	Liverpool, UK	2015 - current
Liverpool School of Tropical Medicine	Full Professor of International Health and Epidemiology	Liverpool, UK	2011 - current
TDR/WHO	Senior Scientist (diagnostics)	Geneva, Switzerland	2009-2011
Liverpool School of Tropical Medicine	Various: lecture, senior lecturer and Reader	Liverpool, UK	1988 - 2009
San Juan de Dios Hospital	Clinical staff/resident	Guatemala	1981-1984

Relevant Publications

Total of 194 – selected publications on TB:

1. Obasanya, J., et al., *FluoroType MTB system for the detection of pulmonary tuberculosis.* ERJ Open Res, 2017. **3**(2).

2. Lawson, L., et al., *Tuberculosis and diabetes in Nigerian patients with and without HIV.* Int J Infect Dis, 2017.

3. Abdurrahman, S.T., et al., *Are patients with pulmonary tuberculosis who are identified through active case finding in the community different than those identified in healthcare facilities?* New Microbes New Infect, 2017. **15**: p. 35-39.

4. de Cuevas, R.M., et al., *Patients direct costs to undergo TB diagnosis.* Infect Dis Poverty, 2016. **5**: p. 24.

5. Tulloch, O., et al., *Patient and community experiences of tuberculosis diagnosis and care within a community-based intervention in Ethiopia: a qualitative study.* BMC Public Health, 2015. **15**: p. 187.

6. Obasanya, J., et al., *Tuberculosis case detection in Nigeria, the unfinished agenda.* Trop Med Int Health, 2015. **20**(10): p. 1396-402.

7. Nicol, M.P., et al., *A Blueprint to Address Research Gaps in the Development of Biomarkers for Pediatric Tuberculosis.* Clin Infect Dis, 2015. **61Suppl 3**: p. S164-72.

8. Graham, S.M., et al., *Clinical Case Definitions for Classification of Intrathoracic Tuberculosis in Children: An Update.* Clin Infect Dis, 2015. **61Suppl 3**: p. S179-87.

9. den Hertog, A.L., et al., *Cytokine Kinetics in the First Week of Tuberculosis Therapy as a Tool to Confirm a Clinical Diagnosis and Guide Therapy.* PLoS One, 2015. **10**(6): p. e0129552.

10. Datiko, D.G., et al., *Exploring providers' perspectives of a community based TB approach in Southern Ethiopia: implication for community based approaches.* BMC Health Serv Res, 2015. **15**: p. 501.

11. Abdurrahman, S.T., et al., *Testing Pooled Sputum with Xpert MTB/RIF for Diagnosis of Pulmonary Tuberculosis To Increase Affordability in Low-Income Countries.* J Clin Microbiol, 2015. **53**(8): p. 2502-8.

12. Oladimeji, O., et al., *Intensive-phase treatment outcomes among hospitalized multidrug-resistant tuberculosis patients: results from a nationwide cohort in Nigeria.* PLoS One, 2014. **9**(4): p. e94393.

13. Anderson de Cuevas, R.M., et al., *Barriers to completing TB diagnosis in Yemen: services should respond to patients' needs.* PLoS One, 2014. **9**(9): p. e105194.

14. Abdurrahman, S.T., et al., *The hidden costs of installing Xpert machines in a tuberculosis high-burden country: experiences from Nigeria.* Pan Afr Med J, 2014. **18**: p. 277.

15. Yassin, M.A., et al., *Use of tuberculin skin test, IFN-gamma release assays and IFN-gamma-induced protein-10 to identify children with TB infection.* Eur Respir J, 2013. **41**(3): p. 644-8.

16. Yassin, M.A., et al., *Innovative community-based approaches doubled tuberculosis case notification and improve treatment outcome in Southern Ethiopia.* PLoS One, 2013. **8**(5): p. e63174.

17. Lawson, L., et al., *Comparison of Mycobacterium tuberculosis drug susceptibility using solid and liquid culture in Nigeria*. BMC Res Notes, 2013. **6**: p. 215.

18. Lawn, S.D., et al., *Advances in tuberculosis diagnostics: the Xpert MTB/RIF assay and future prospects for a point-of-care test*. Lancet Infect Dis, 2013. **13**(4): p. 349-61.

19. Graham, S.M., et al., *Reply to Holm et al.* J Infect Dis, 2013. **207**(5): p. 871-2.

20. Gammo, M., et al., *Front-loaded smear microscopy for the diagnosis of pulmonary TB in Tripoli, Libya*. Trans R Soc Trop Med Hyg, 2013. **107**(2): p. 137-9.

21. Davis, J.L., et al., *Diagnostic accuracy of same-day microscopy versus standard microscopy for pulmonary tuberculosis: a systematic review and meta-analysis*. Lancet Infect Dis, 2013. **13**(2): p. 147-54.

22. Sandgren, A., et al., *Childhood tuberculosis: progress requires an advocacy strategy now*. Eur Respir J, 2012. **40**(2): p. 294-7.

23. Lawson, L., et al., *A molecular epidemiological and genetic diversity study of tuberculosis in Ibadan, Nnewi and Abuja, Nigeria*. PLoS One, 2012. **7**(6): p. e38409.

24. Graham, S.M., et al., *Evaluation of tuberculosis diagnostics in children: 1. Proposed clinical case definitions for classification of intrathoracic tuberculosis disease. Consensus from an expert panel*. J Infect Dis, 2012. **205 Suppl 2**: p. S199-208.

25. Cuevas, L.E., R. Petrucci, and S. Swaminathan, *Tuberculosis diagnostics for children in high-burden countries: what is available and what is needed*. Paediatr Int Child Health, 2012. **32 Suppl 2**: p. S30-7.

26. Cuevas, L.E., et al., *Evaluation of tuberculosis diagnostics in children: 2. Methodological issues for conducting and reporting research evaluations of tuberculosis diagnostics for intrathoracic tuberculosis in children. Consensus from an expert panel*. J Infect Dis, 2012. **205 Suppl 2**: p. S209-15.

27. Bihari, S., et al., *Interferon gamma-induced protein-10 concentrations in children with previous tuberculosis infections and disease*. Pediatr Infect Dis J, 2012. **31**(10): p. 1089-91.

28. Alavi-Naini, R., et al., *Clinical and laboratory diagnosis of the patients with sputum smear-negative pulmonary tuberculosis*. Arch Iran Med, 2012. **15**(1): p. 22-6.

29. Yassin, M.A., et al., *Can interferon-gamma or interferon-gamma-induced-protein-10 differentiate tuberculosis infection and disease in children of high endemic areas?* PLoS One, 2011. **6**(9): p. e23733.

30. Lawson, L., et al., *Resistance to first-line tuberculosis drugs in three cities of Nigeria*. Trop Med Int Health, 2011. **16**(8): p. 974-80.

31. Hesseling, A.C., S.M. Graham, and L.E. Cuevas, *Rapid molecular detection of tuberculosis*. N Engl J Med, 2011. **364**(2): p. 183-4; author reply 184-5.

32. Garie, K.T., M.A. Yassin, and L.E. Cuevas, *Lack of adherence to isoniazid chemoprophylaxis in children in contact with adults with tuberculosis in Southern Ethiopia*. PLoS One, 2011. **6**(11): p. e26452.

33. Cuevas, L.E., et al., *A multi-country non-inferiority cluster randomized trial of frontloaded smear microscopy for the diagnosis of pulmonary tuberculosis.* PLoS Med, 2011. **8**(7): p. e1000443.

34. Cuevas, L.E., et al., *LED fluorescence microscopy for the diagnosis of pulmonary tuberculosis: a multi-country cross-sectional evaluation.* PLoS Med, 2011. **8**(7): p. e1001057.

35. Cuevas, L.E., *The urgent need for new diagnostics for symptomatic tuberculosis in children.* Indian J Pediatr, 2011. **78**(4): p. 449-55.

36. Ramsay, A., et al., *Direct patient costs associated with tuberculosis diagnosis in Yemen and Nepal.* Int J Tuberc Lung Dis, 2010. **14**(2): p. 165-70.

37. Nathanson, C.M., et al., *The TDR Tuberculosis Specimen Bank: a resource for diagnostic test developers.* Int J Tuberc Lung Dis, 2010. **14**(11): p. 1461-7.

38. Munoz-Sellart, M., et al., *Factors associated with poor tuberculosis treatment outcome in the Southern Region of Ethiopia.* Int J Tuberc Lung Dis, 2010. **14**(8): p. 973-9.

39. Lawson, L., et al., *Yield of smear microscopy and radiological findings of male and female patients with tuberculosis in abuja, Nigeria.* Tuberc Res Treat, 2010. **2010**: p. 241659.

40. Lawson, L., et al., *Randomized controlled trial of zinc and vitamin A as co-adjuvants for the treatment of pulmonary tuberculosis.* Trop Med Int Health, 2010. **15**(12): p. 1481-90.

41. Lawson, L., et al., *Pilot study on multidrug resistant tuberculosis in Nigeria.* Ann Afr Med, 2010. **9**(3): p. 184-7.

42. Hurissa, Z., et al., *Clinical characteristics and treatment outcome of patients with visceral leishmaniasis and HIV co-infection in northwest Ethiopia.* Trop Med Int Health, 2010. **15**(7): p. 848-55.

43. Ramsay, A., et al., *Front-loading sputum microscopy services: an opportunity to optimise smear-based case detection of tuberculosis in high prevalence countries.* J Trop Med, 2009. **2009**: p. 398767.

44. Ramsay, A., et al., *New policies, new technologies: modelling the potential for improved smear microscopy services in Malawi.* PLoS One, 2009. **4**(11): p. e7760.

45. Munoz-Sellart, M., et al., *Treatment outcome in children with tuberculosis in southern Ethiopia.* Scand J Infect Dis, 2009. **41**(6-7): p. 450-5.

46. Moghtaderi, A., et al., *Diagnostic risk factors to differentiate tuberculous and acute bacterial meningitis.* Scand J Infect Dis, 2009. **41**(3): p. 188-94.

47. Almeida, M.L., et al., *alpha1-acid glycoprotein and alpha1-antitrypsin as early markers of treatment response in patients receiving the intensive phase of tuberculosis therapy.* Trans R Soc Trop Med Hyg, 2009. **103**(6): p. 575-80.

48. Al-Aghbari, N., et al., *Multiple sampling in one day to optimize smear microscopy in children with tuberculosis in Yemen.* PLoS One, 2009. **4**(4): p. e5140.

49. Ruhwald, M., et al., *Improving T-cell assays for the diagnosis of latent TB infection: potential of a diagnostic test based on IP-10.* PLoS One, 2008. **3**(8): p. e2858.

50. Petrucci, R., et al., *Interferon gamma, interferon-gamma-induced-protein 10, and tuberculin responses of children at high risk of tuberculosis infection*. Pediatr Infect Dis J, 2008. **27**(12): p. 1073-7.

51. Lawson, L., et al., *Clinical presentation of adults with pulmonary tuberculosis with and without HIV infection in Nigeria*. Scand J Infect Dis, 2008. **40**(1): p. 30-5.

52. Lawson, L., et al., *Short-term bleach digestion of sputum in the diagnosis of pulmonary tuberculosis in patients co-infected with HIV*. Tuberculosis (Edinb), 2007. **87**(4): p. 368-72.

53. Hirao, S., et al., *Same-day smears in the diagnosis of tuberculosis*. Trop Med Int Health, 2007. **12**(12): p. 1459-63.

54. Douthwaite, S., et al., *Bleach-digested sputum smears for the diagnosis of TB in HIV-infected individuals*. Trop Doct, 2007. **37**(1): p. 35-6.

55. Cambanis, A., et al., *Duration and associated factors of patient delay during tuberculosis screening in rural Cameroon*. Trop Med Int Health, 2007. **12**(11): p. 1309-14.

56. Cambanis, A., et al., *Investing time in microscopy: an opportunity to optimise smear-based case detection of tuberculosis*. Int J Tuberc Lung Dis, 2007. **11**(1): p. 40-5.

57. Nakaoka, H., et al., *Risk for tuberculosis among children*. Emerg Infect Dis, 2006. **12**(9): p. 1383-8.

58. Lawson, L., et al., *Microbiological validation of smear microscopy after sputum digestion with bleach; a step closer to a one-stop diagnosis of pulmonary tuberculosis*. Tuberculosis (Edinb), 2006. **86**(1): p. 34-40.

59. Cambanis, A., et al., *A one-day method for the diagnosis of pulmonary tuberculosis in rural Ethiopia*. Int J Tuberc Lung Dis, 2006. **10**(2): p. 230-2.

60. Seki, N., et al., *Short communication: colour vision and proficiency in diagnostic microscopy*. Trop Med Int Health, 2005. **10**(5): p. 433-4.

61. Lawson, L., et al., *Comparison of scanty AFB smears against culture in an area with high HIV prevalence*. Int J Tuberc Lung Dis, 2005. **9**(8): p. 933-5.

62. Cuevas, L.E. and A. Koyanagi, *Zinc and infection: a review*. Ann Trop Paediatr, 2005. **25**(3): p. 149-60.

63. Cambanis, A., et al., *Rural poverty and delayed presentation to tuberculosis services in Ethiopia*. Trop Med Int Health, 2005. **10**(4): p. 330-5.

64. Yassin, M.A., et al., *HIV and tuberculosis coinfection in the southern region of Ethiopia: a prospective epidemiological study*. Scand J Infect Dis, 2004. **36**(9): p. 670-3.

65. Koyanagi, A., et al., *Relationships between serum concentrations of C-reactive protein and micronutrients, in patients with tuberculosis*. Ann Trop Med Parasitol, 2004. **98**(4): p. 391-9.

66. Yassin, M.A., et al., *Efficacy and safety of short-term bleach digestion of sputum in case-finding for pulmonary tuberculosis in Ethiopia*. Int J Tuberc Lung Dis, 2003. **7**(7): p. 678-83.

67. Yassin, M.A. and L.E. Cuevas, *How many sputum smears are necessary for case finding in pulmonary tuberculosis?* Trop Med Int Health, 2003. **8**(10): p. 927-32.

68. Cuevas, L.E., et al., *Effect of zinc on the tuberculin response of children exposed to adults with smear-positive tuberculosis.* Ann Trop Paediatr, 2002. **22**(4): p. 313-9.

69. Almeida, L.M., et al., *Use of purified protein derivative to assess the risk of infection in children in close contact with adults with tuberculosis in a population with high Calmette-Guerin bacillus coverage.* Pediatr Infect Dis J, 2001. **20**(11): p. 1061-5.

Additional Information

British resident.