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Trained in tropical infectious diseases and virology, Aurélia has extensive experience in clinical research and epidemiology of emerging viruses, as well as HIV, malaria and TB. She mainly focused on improving diagnosis and patient management in resource-constrained settings, with a « research-to-policy » vision.

She held positions at various public and private institutions including FIND (Switzerland) as the Head of the Pandemic Threats program; University of Bordeaux (France); University of Oxford (UK); University of Tulane (USA); French National Agency for AIDS Research; and Pasteur Institute in Cameroon. She also worked as an independent consultant in virology and is acting as an expert reviewer for the European Commission.

With more than 15 years of experience working in and with sub-Saharan African countries, Aurélia has been very involved in capacity strengthening of resource-limited health settings, while being strongly attached to building equitable research partnerships.

### **Selected recent publications and communications**

Hoppe A, **Vessiere A**, and Bausch DG. Leveraging Covid-19 Diagnostics to Confront both Epidemic and Endemic Diseases. In: *Evaluating Covid-19*. Editor Charles Pasternak. World Scientific Publishing, October 2023. <https://doi.org/10.1142/13039>

Escadafal C, Baldan R, De Vos M, Ruiz RJ, Emperador DM, Murahwa A, Mace A, Bausch DG, **Vessière A**, Sacks JA. Evaluating Diagnostic Tests During Outbreaks: Challenges and Lessons Learned from COVID-19. *BMJ Glob Health*. 2023 Jul;8(7):e012506.

Marcy O, Wobudeya E, Font H, **Vessière A**, et al.; TB-Speed Pneumonia Study Group. Effect of systematic tuberculosis detection on mortality in young children with severe pneumonia in countries with high incidence of tuberculosis: a stepped-wedge cluster-randomised trial. *Lancet Infect Dis*. 2023 Mar;23(3):341-51.

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Emperador DE, Aroworade V, Mantsoki A, Escadafal C, Mazzola L, Albertini A, Nkeramahame J, Olliaro P, Nakoune P, Kavunga-Membo H, Eckerle I, Dunning J, Ramjeet K, Bausch DG, **Vessière A**. Filling the information gap: FIND'S mpox Test Directory and performance evaluations. *72th ASTMH Annual Meeting, 18-22 October 2023*.

**Vessière A**. Changing the diagnostics landscape: what pandemic preparedness means for endemic diseases. *Annual joint meeting of the Swiss Society of Tropical Medicine and Parasitology & Swiss Society of Tropical and Travel Medicine*. 10-11 November 2022, Bern, Switzerland.

Emperador D, Fonkeng F, Chi Fru H, **Vessiere A**, Bausch DG, Kelly-Cirino C. Supporting Lassa Fever Diagnostic Response in Nigeria, 2018-2021. *Global Health Security Conference 2022, 28 June-1 July 2022, Singapore*

Bhatta B, **Vessière A**, et al. Acceptability of nasopharyngeal and stool sample collection in children with severe pneumonia - parents and health care workers perspective. *52<sup>nd</sup> Union World Conference on Lung Health, 19-22 October 2021*.