

HEURE: 11H00-12H00

LIEU: Salle Delachaux, Bâtiment Proline  
rte de la Corniche 10, 1010 Lausanne  
& via WebEx

**MARDI**  
**10 décembre 2024**  
**COLLOQUE**

## « The Antibiotic computerized decision support system for antimicrobial prescribing in primary care - system use, effectiveness and infodemiology »

### SPEAKER

#### ■ Tristan Delory

Tristan Delory is a public health and infectious disease physician graduated from Université Paris Cité. He has been working for over a decade on the development of a computerized decision support system (CDSS) for antimicrobial prescribing in primary care and obtained his PhD in epidemiology on this subject. In 2017-18 he worked in Nepal as national HIV expert advisor for GFATM. He is currently head of the clinical trial unit at Annecy hospital where he coordinates observational and interventional trials. He leads several grants, and his work focuses on the (re)use of data generated by CDSS and infections surveillance in primary care, as well as on optimising treatment of infections, including during pregnancy and infancy. He is particularly interested in low-and-middle income settings working with colleagues in Asia.

### ABSTRACT

Antibiotic is a computerized decision support system for antimicrobial prescribing in primary care existing since 2011. The system is providing information for nearly 40 health indicators and is widely used in France by general practitioners (GPs) and other healthcare professionals. As of 2024, more than 110,000 users are registered to the system, including more than 40,000 GPs. System use increase over time, with ~5 million requests performed a year. We will explore together how the data can be leveraged and users mobilized to evaluate practices, and inform physicians, epidemiologists, modelers and policy makers. We will also dive into remaining uncertainties about system impact on antimicrobial prescribing per se and the possibilities that are envisioned for demonstrating its effectiveness.

Recommandé par la Société Suisse des Spécialistes en prévention et santé publique (SPHD) pour la reconnaissance de la formation continue. Participer à la réunion WebEx

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