

Modélisation, Epidémiologie et Surveillance des risques sanitaires

Publications de 2022

Articles scientifiques

Daouda OS, Chevance A, Temime L, Légeron P, Gaillard R, Saporta G, Hocine MN. [A new ranking index to identify the work-related psychosocial factors most impacting mental health: a cross-sectional study](#). *BMJ Open* 2022;12:e046444.

Jijon S, Al Shafie A, Temime L, Jean K*, El Kassas M* and the EMEA-MESuRS working group on nosocomial SARS-CoV-2 modelling. [Estimating the risk of incident SARS-CoV-2 infection among healthcare workers in quarantine hospitals: the Egyptian example](#). *Scientific Reports*. 2022; 12, 19773. Projet [NOSOCOVID](#)

Charnley GEC, Jean K, Kelman I, Gaythorpe KAM, Murray KA. [Association between Conflict and Cholera in Nigeria and the Democratic Republic of the Congo](#). *Emerging Infectious Diseases*. 2022 Dec;28(12):2472-2481. Hors projets

Daouda OS, Bun RS, Aït Bouziad K, Miliani K, Essa-Eworo A, Espinasse F, Seytre D, Casetta A, Nérone S, Nascimento A, Astagneau P, Temime L, Hocine MN. [A multilevel approach to individual and organizational predictors of stress and fatigue among healthcare workers of a university hospital: A longitudinal study](#). *Occupational and Environmental Medicine* 2022;79:839-847. Projet [STRIPPS](#)

Ante-Testard PA, Hamidouche M, Apouey B, Baggaley R, Larmarange J, Benmarhnia T, Temime L, Jean K. [Understanding the pathways leading to socioeconomic inequalities in HIV testing uptake in 18 sub-Saharan African countries: a mediation analysis](#). *AIDS*. 2022 July online ahead of print. Projet [TESLA](#)

Barban P, de Nazelle A, Chatelin S, Quirion P, Jean K. [Assessing the Health Benefits of Physical Activity Due to Active Commuting in a French Energy Transition Scenario](#). *International Journal of Public Health* 2022 July; 67:1605012. Projet [Philoctet](#)

Shirreff G, Zahar JR, EMEA-MESuRS working group on the nosocomial modelling of SARS-CoV-2, Cauchemez S, Temime L, Opatowski L. [Measuring Basic Reproduction Number to Assess Effects of Nonpharmaceutical Interventions on Nosocomial SARS-CoV-2 Transmission](#). *Emerging Infectious Diseases* 2022 July; 28(7). Projet [MOD-COV](#) + Projet [SPHINX](#)

Henriot P, Castry M, Luong Nguyen LB, Shimakawa Y, Jean K, Temime L. [Risk of HCV infection associated with hospital-based invasive procedures : a systematic review and meta-analysis](#). *Alimentary Pharmacology & Therapeutics* 2022 June online ahead of print. Projet [IMMHoTHep](#)

Hamidouche M, Ante-Testard PA, Baggaley R, Temime L, Jean K. Monitoring socioeconomic inequalities across HIV knowledge, attitudes, behaviours and prevention : results from cross-sectional surveys in 18 sub-Saharan African countries. *AIDS*. 2022 May; 36(6):871-9. Projet TESLA

Bouziri H, Descatha A, Roquelaure Y, Dab W, Jean K. Can we distinguish the roles of demographic and temporal changes in the incidence and prevalence of musculoskeletal disorders? A systematic review. *Scand J Work Environ Health*. 2022 May; 48(4):253-263. Projet TMS

Opatowski L, Temime L. Contributions of modelling for the control of COVID-19 nosocomial transmission. *Anaesth Crit Care Pain Med*. 2022 Apr;41(2):101054. Projet MOD-COV + Projet SPHINx

Bastard J, Nguyen NT, Hien VB, Kiet BT, Temime L, Opatowski L, Carrique-Mas J, Choisy M. Modelling the impact of antimicrobial use and external introductions on commensal E. coli colistin resistance in small-scale chicken farms of the Mekong delta of Vietnam. *Transboundary and Emerging Diseases* 2022 April. Projet SARAH

Roselló A, Barnard RC, Smith DRM, et al. Impact of non-pharmaceutical interventions on SARS-CoV-2 outbreaks in English care homes : a modelling study. *BMC Infectious Diseases* 2022 April ;22:324. Hors projets

Velardo F, Prudhomme J, Temime L, Jean K. Dual-use research on modified pathogens in the laboratory : What framework for what issue ? *Médecine/Sciences* 2022 March ;38(3):303-8. Hors projets

Smith DRM, Duval A, Zahar JR, Opatowski L, Temime L, EMEA-MESuRS working group on nosocomial SARS-CoV-2 modelling. Rapid antigen testing as a reactive response to surges in nosocomial SARS-CoV-2 outbreak risk. *Nature Communications* 2022 Jan ;13(1):236. Projet MOD-COV + Projet SPHINx

Communications dans des conférences internationales

Multidisciplinary Approaches to Antimicrobial Resistance

Smith DRM. Antibiotics damage the intestinal microbiome, but at what cost? **Multidisciplinary Approaches to Antimicrobial Resistance AMR**. November 22, 2022. Oxford, UK. Oral

IXe Congrès International d'Epidémiologie – Adelf-Epiter

Bouziri H, Descatha A, Roquelaure Y, Dab W, Jean K. Analyse spatio-temporelles des TMS à partir du Global Burden of Disease, 1990 à 2019. **IXe Congrès International d'Epidémiologie – Adelf-Epiter**. August 18-20, 2022. Montréal, Canada. Poster

RESIST2

Smith DRM. How do microbiome-pathogen interactions drive epidemiological dynamics of resistance? **RESIST2.** March 7, 2022. **London, UK.** *Oral.*

32nd European Conference of Clinical Microbiology & Infectious Diseases

Smith DRM, Temime L, Opatowski L. Impact of the COVID-19 pandemic on isolation of multidrug-resistant bacteria in French hospitals. **ECCMID32 - 32nd European Conference of Clinical Microbiology & Infectious Diseases.** April 23-26, 2022. **Lisbon, Portugal.** *Poster.*

Journées scientifiques de l'ANRS

Ante-Testard PA, Carrasco-Escobar G, Benmarhnia T, Temime L, Jean K. Investigating inequalities in HIV testing in sub-Saharan Africa: insights from a spatial analysis of 25 countries. **Journées Scientifiques de l'Anrs-MIE.** February 28 - March 1, 2022. **Paris, France.** *Poster*

Henriot P, Anwar W, Hussein WM, Mossad IM, Jean K, Temime L. Risk assessment of iatrogenic HCV infection in patients of an Egyptian hospital. **Journées Scientifiques de l'Anrs-MIE.** February 28 - March 1, 2022. **Paris, France.** *Poster*

Conférences invitées

Jean K. *Table ronde : La responsabilité de la recherche, une autre facette de la soutenabilité.* **Journées doctorales de l'ED Abbé-Grégoire : Soutenabilité et recherche.** Paris, France.

Jean K. *Etat des lieux du dérèglement climatique : impacts, causes et leviers d'action.* **Journée de formation des cadres et élus du conseil départemental de la Manche.** Saint Lô, France.

Jean K. *Réchauffement climatique et santé au travail : Quels outils pour évaluer et prévenir?* **Webinaire de l'Association des Journalistes de l'environnement (AJE).** 3 mars 2022. Online.

Temime L. Modelling SARS-CoV-2 spread within healthcare settings: estimating transmissibility and assessing interventions. **Mathematical Epidemiology seminar, Institut Henri Poincaré.** Feb 7-9, 2022. Paris. France.