

Offre d'emploi

Type de poste : Post-doctorant(e) en épidémiologie ou biostatistiques

Durée du contrat : 12 mois renouvelables, pour une durée totale de mission de 36 mois

Description de la mission :

Substance use, a leading preventable cause of death worldwide, could have increased during the COVID-19 pandemic. Tobacco, alcohol and cannabis are among the most harmful substances and benzodiazepine use is also considered as a public health issue in several countries. Thus, COVID-19 and addictive behaviors are two pandemics which are on the verge of collision causing major public health threat.

In this project, two aims will have to be achieved:

- **To examine the risk of infection with SARS-CoV-2 according to tobacco, electronic cigarettes, alcohol, cannabis and benzodiazepine use, while taking into account: - the level of use and polyconsumption; - the distinction between the risk of infection and the risk of severe form; - the role of potential mediators and moderators** (e.g. compliance to barrier measures, psychotropic drugs, life and occupational conditions during the pandemic, fear of contamination, clinical and sociodemographic factors).

- **To examine the associations between the experience of the COVID-19 pandemic (i.e. mental health, life and occupational conditions, fear of contamination, infection with SARS-Cov-2 and/or infection of a close) and changes in the patterns of substance use among substance users.**

To achieve these two goals, the participants from the CONSTANCES cohort who responded to the SAPRIS survey will be included. CONSTANCES is a large French national population-based cohort (N=200 000) with a linkage with medico-administrative registries. The CONSONANCE project will help public health policy makers to target at-risk substance users for standardized screening for SARS-CoV-2, improved access to vaccines, treatments and medical surveillance. A better understanding of the underlying mechanisms that lead to increased risks of COVID-19 and severe form in substance users will be helpful to adjust information and prevention. The CONSONANCE project will also help both public health policy makers and clinicians to pay particular attention to substances users who could be more prone to experience detrimental consequences of the COVID-19 pandemic regarding their level of substance use.

Compétences exigées :

Excellentes compétences de manipulation de jeux de données complexes et de grande envergure. La connaissance du SNIIRAM est un plus.

Excellentes compétences en modélisation statistique, notamment modèles linéaires généralisés, modèles mixtes et GEE, survie, modèles structuraux.

Excellente capacité de prise d'initiative et d'organisation de façon autonome. Très bonnes compétences relationnelles pour s'intégrer à la vie d'une équipe de recherche, travailler en collaboration, se conformer aux exigences règlementaires et aux consignes hiérarchiques.

Anglais scientifique courant et très bonnes compétences rédactionnelles d'écriture d'articles scientifiques en anglais.

Equipe de rattachement : INSERM, UMS 011, Cohortes Epidémiologiques en Population (Villejuif, France).

Rémunération : 49 300 euros bruts par an.

Début souhaité de la mission : Janvier 2022

Pour postuler : Adresser votre CV et vos coordonnées à Guillaume Airagnes (guillaume.airagnes@aphp.fr).