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L'Equipe de recherche en épidémiologie sociale (ERES) constitue l'une des huit équipes de l'Institut Pierre Louis d'Epidémiologie et Santé Publique (UMRS 1136) labellisées par l'Inserm et Sorbonne Universités. Nos travaux portent sur l'étude des inégalités sociales et territoriales de santé et la recherche des déterminants sociaux de la santé et des recours aux soins, notamment les facteurs biographiques, les insertions sociales, les origines migratoires et l'environnement géographique.

## COVID-19

### *Distribution spatiale en France*

#### **Geographical Pattern of COVID-19-Related Outcomes over the Pandemic Period in France: A Nationwide Socio-Environmental Study**

Deguen S, Kihal-Talantikite W.

*Int J Environ Res Public Health* 2021; 18(4): 1824. doi: 10.3390/ijerph.

### *Confinement et santé mentale*

#### **Risk and protective factors related to children's symptoms of emotional difficulties and hyperactivity/inattention during the COVID-19 related lockdown in France: results from a community sample**

Moulin F, El-Aarbaoui T, Herranz Bustamante J.J, Héron M, Mary-Krause M, Rouquette A, Galéra C, Melchior M.

*Eur Child Adolesc Psychiatry* 2021; doi: 10.1007/s00787-021-0.

### *Information et littérature*

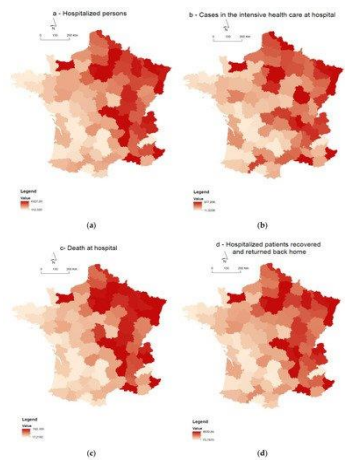
#### **Online mis/disinformation and vaccine hesitancy in the era of COVID-19: Why we need an eHealth literacy revolution**

Dib F, Mayaud P, Chauvin P, Launay O.

*Hum Vaccin Immunother* 2021; 1-3. doi: 10.1080/21645515.2021.187.

#### **Deterioration of mental health and insufficient Covid-19 information among disadvantaged immigrants in the greater Paris area**

Gosselin A, Melchior M, Carillon S, Gubert F, Ridde V, Kohou V, Zoumenou I, Senne J-N, Desgrées du Loû A, MAKASI Study Group. *J Psychosom Res* 2021; doi: 10.1016/j.jpsychores.2021.



### *Résistance vaccinale*

#### **COVID-19 vaccine hesitancy among persons living in homeless shelters in France**

Longchamps C, Ducarroz S, Crouzet L, Vignier N, Pourtau L, Allaire C, Colleville AC, El Aarbaoui T, Melchior M, the ECHO study group.

*Vaccine* 2021; doi: 10.1016/j.vaccine.2021.05



#### **Attitudes towards the COVID-19 Vaccine and Willingness to Get Vaccinated among Healthcare Workers in French Guiana: The Influence of Geographical Origin**

Vignier N, Brureau K, Granier S, Breton J, Michaud C, Gaillet M, Agostini C, Ballet M, Nacher M, Valdes A, Abboud P, Adenis A, Djossou F, Epelboin L, Douine M.

*Vaccines* 2021; : 9(6):682.

### *Données selon le statut migratoire*

#### **Migrant status, ethnicity and COVID-19: More accurate European data are greatly needed**

Melchior M, Desgrées du Loû A, Gosselin A, Datta, G, Carabali M, Merckx J, Kaufman J.

*Clin Microbiol Infect* 2021; 27(2): 160–162.

## Vaccination

### Vaccination HPV

#### Design and content validation of a survey questionnaire assessing the determinants of human papillomavirus (HPV) vaccine hesitancy in France: A reactive Delphi study

Dib F, Mayaud P, Launay O, Chauvin P, the FSQD-HPVH Study Group.  
*Vaccine* 2020; 38(39): 6127-6140.

#### Effect of Internet use for searching information on vaccination on the uptake of human papillomavirus vaccine in France: A path-analysis approach

Dib F, Mayaud P, Longflier L, Chauvin P, Launay O.  
*Prev Med* 2021; 149: 106615. doi: 10.1016/j.jp.

### Vaccination HBV

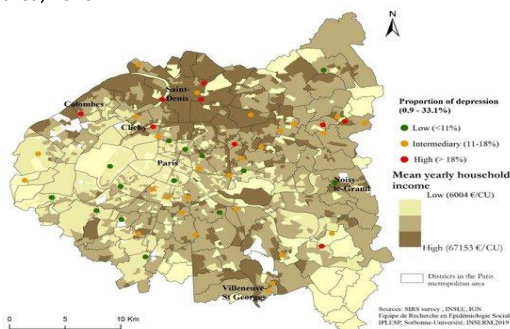
#### Acceptability of on-site rapid HIV/HBV/HCV testing and HBV vaccination among three at-risk populations in distinct community-healthcare outreach centres: The ANRS-SHS 154 CUBE study

Calin R, Massari V, Pialoux G, Reydellet N, Plenel E, Chauvin C, Jauffret-Roustide M, Day N, Kreplak G, Freire Maresca A, Derche N, Louis S, Pol S, Doré V, Rouzioux C, Chauvin P  
*BMC Infectious Diseases* 2020; 20(1): 851.

## Santé mentale

### Dépression

Spatial distribution of the proportion of depression by category in the 50 residential neighborhoods in the SIRS survey, Greater Paris area, 2010



#### Influence of Individual and Contextual Perceptions and of Multiple Neighborhoods on Depression

Traoré M, Vuillermoz C, Chauvin P, Deguen S  
*Int. J. Environ. Res. Public Health* 2020; 17(6): 1958.

#### Depressive symptoms and non-adherence to treatable cardiovascular risk factors' medications in the CONSTANCES cohort

Hamieh N, Kab S, Zins M, Blächer J, Meneton P, Empana J-P, Hoertel N, Limosin F, Goldberg M, Melchior M, Lemogne C.  
*European Heart Journal - Cardiovascular Pharmacotherapy* 2020; pvaa124.

#### Hostility, depression and incident cardiac events in the GAZEL cohort

Hamieh N, Meneton P, Zins M, Goldberg M, Wiernik E, Empana JP, Limosin F, Melchior M, Lemogne C.  
*J Affect Disord* 2020; 266: 381-386.

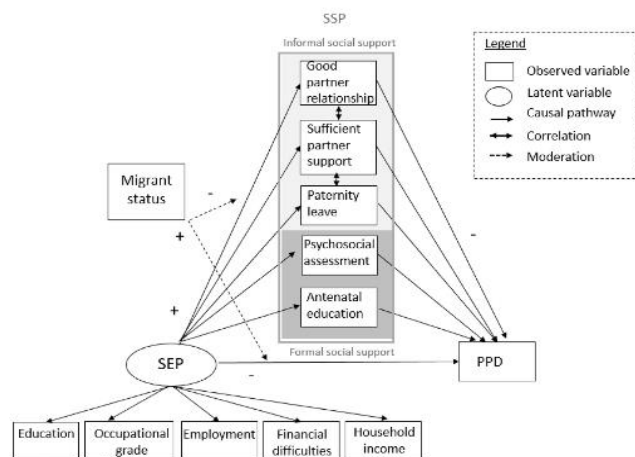


Fig 1. Theoretical framework for the relation between socioeconomic position, informal and formal social support during pregnancy and postpartum depression.

### Soutien social et dépression

#### Informal and formal social support during pregnancy and joint maternal and paternal postnatal depression. Data from the French representative ELFE cohort study

Nakamura A, Sutter-Dallay AL, El-Khoury Lesueur F, Thierry X, Gressier F, Melchior M, van der Waerden J.  
*International Journal of Social Psychiatry* 2020;66(5):431-441

#### The role of prenatal social support in social inequalities with regard to maternal postpartum depression according to migrant status

Nakamura A, El-Khoury F, Sutter-Dallay AL, Franck JE, Thierry X, Melchior M, van der Waerden J.  
*J Affect Disord* 2020; 272: 465-473.

#### No child is an island: sociability in times of social distancing

Melchior M.  
*Eur Child Adolesc Psychiatry* 2020; 29(7): 901-902.

## Trouble de Stress Post-Traumatique

### Childhood adversity trajectories and PTSD in young adulthood: A nationwide Danish register-based cohort study of more than one million individuals

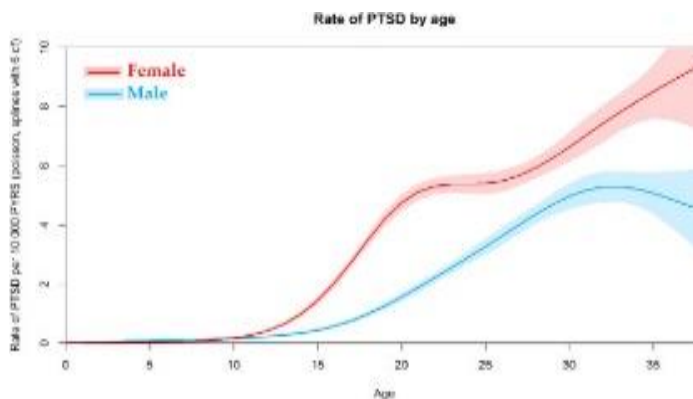
El-Khoury F, Rieckmann A, Bengtsson J, Melchior M, Rod NH.

*J Psychiatr Res* 2021; 136: 274-280.

### Post-Traumatic Stress Disorder in Homeless Migrant Mothers of the Paris Region Shelters

Roze M, Melchior M, Vuillermoz C, Rezzoug D, Baubet T, Vandentorren S.

*Int J Environ Res Public Health* 2020; 17(13): 4908



### Factors associated with PTSD and partial PTSD among first responders following the Paris terror attacks in November 2015

Motreff Y, Baubet T, Pirard P, Rabet G, Petitclerc M, Stene LE, Vuillermoz C, Chauvin P, Vandentorren S.

*J Psychiatr Res.* 2020;121:143–50.

## Risque suicidaire

### Increased risk of suicidal ideation among French women: the mediating effect of lifetime sexual victimisation. Results from the nationally representative 2017 Health Barometer survey

El-Khoury F, Puget M, Leon C, du Roscoat E, Velter A, Lydié N, Sitbon A

*Arch Womens Ment Health* 2020; 23(5):635-641

### Verbal victimisation, depressive symptoms, and suicide risk among sexual minority adults in France: results from the nationally-representative 2017 Health Barometer survey

El-Khoury F, Heron M, Van der Waerden J, Leon C, du Roscoat E, Velter A, Lydié N, Sitbon A.

*Soc Psychiatry Psychiatr Epidemiol* 2020; 55(8): 1073-1080.

## Autisme

### Autism Spectrum and Other Neurodevelopmental Disorders in Children of Immigrants: A Brief Review of Current Evidence and Implications for Clinical Practice

Schmengler H, Cohen D, Tordjman S, Melchior M

*Front Psychiatry* 2021; 12: 56636

## Cancer

### Dépistage du cancer du col

#### Risk of late cervical cancer screening in the Paris region according to social deprivation and medical densities in daily visited neighborhoods

Traoré M, Vallée J, Chauvin P.

*Int J Health Geogr* 2020; 19(1): 18.

### Inégalités sociales et dépistage

#### Social inequalities in participation in cancer screening: does the mode of data collection matter? The CONSTANCES cohort

Aranda E, Franck JE, Ringa V, Sassenou J, Coeuret-Pellicer M, Rigal L, Menvielle G.

*Eur J Public Health* 2021 :ckab055. doi:

10.1093/eurpub/ckab055. Epub ahead of print

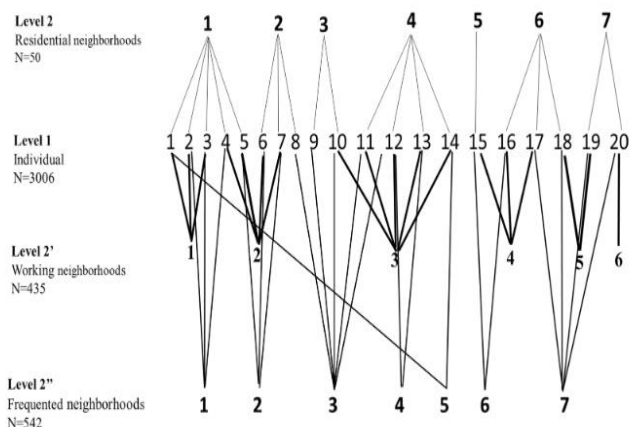


Fig. 1 Illustration of multi-level structure of SIRS cohort. Level 1 refers to the 3006 individuals who can reside in the 50 neighborhood, work in 435 neighborhood and frequent 542 neighborhood. In this example, it is seen that individuals 1 to 3 have the same neighborhood of residence and work, but that they do not frequent the same neighborhood

## **Suivi gynécologique et surpoids**

### **Patterns of gynecological follow-up and their association with Body Mass Index among the CONSTANCES survey**

Franck J, Ringa V, Rigal L, Sassenou J, Coeuret-Pellicer M, Chauvin P, Menvielle G.  
*J Med Screen* 2021; 28(1): 10-17.

## **Addictions**

### **Tabac**

#### **Sex differences in cigarette brand purchases among adult smokers: results from the DePICT national repeated survey of French adults (2016–2017)**

El-Khoury Lesueur F, Torregrossa H, Gomajee R, Bolze C, Melchior M. Sex differences in cigarette brand purchases among adult smokers: results from the DePICT national repeated survey of French adults (2016–2017).  
*Eur J Health Econ* 2021; 22: 223–228.

#### **Decrease in cross-border tobacco purchases despite intensification of antitobacco policies in France**

Gomajee R, Torregrossa H, Bolze C, Melchior M, El-Khoury Lesueur F.  
*Tobacco Control* 2020; doi: 10.1136/tobaccocontrol-20.



#### **Factors associated with electronic cigarette use among youth adults: The French “Trajectoires Epidémiologiques en Population” (TEMPO) cohort study**

Aljandaleh H, Bolze C, El-Khoury Lesueur F, Melchior M, Mary-Krause M.  
*Subst Use Misuse* 2020; 55 (6): 964-972.

#### **More Explorations Needed on Association of Electronic Cigarette Use and Smoking Reduction-Reply**

Gomajee R, El-Khoury F, Melchior M  
*JAMA Intern Med* 2020; 180(1): 160-161.

#### **Maternal education and offspring birth weight for gestational age: the mediating effect of smoking during pregnancy**

Nakamura A, Pryor L, Ballon M, Lioret S, Heude B, Charles MA, Melchior M, El-Khoury Lesueur F  
*European Journal of Public Health* 2020; 30(5): 1001–1006.

### **Substances psycho actives**

#### **Unintended pregnancy prevention in women using psychoactive substances: A systematic review**

Yermachenko A, Massari V, El-Khoury-Lesueur F, Azria E, Jauffret Roustide M, Clergue-Duval V, Melchior M.  
*Addictive Behaviors* 2020; 107: 106393 .

## **Questions méthodologiques**

#### **Non-participation and attrition in a longitudinal study of civilians exposed to the January 2015 terrorist attacks in Paris, France**

Vuillermoz C, Stene LE, Aubert L, Motreff Y, Pirard P, Baubet T, Lesieur S, Chauvin P, Vandentorren S.  
*BMC Med Res Methodol* 2020; 20(1): 63.

#### **Cohort profile: The TEMPO cohort study**

Mary-Krause M, Herranz Bustamante JJ, Bolze C, Galéra C, Fombonne EJ, Melchior M  
*Int J Epidemiol* 2021; doi: 10.1093/ije/dyab026.

