



Ongoing research projects

August 2022

Constances cohort
Population-based cohorts Unit UMS 011
Inserm / Paris Cité University / Paris-Saclay University / UVSQ
Paul Brousse Hospital, Building 15/16
16 avenue Paul Vaillant Couturier
94800 Villejuif
https://www.constances.fr/index_EN.php

CHRONIC DISEASES

- Asthma - Chronic obstructive pulmonary disease overlap syndrome - B. Leynaert, Inserm¹, Paris*
- Asthma burden in France - S. Bouée, CEMKA, AstraZeneca partnership, Bourg-La-Reine^P
- Baby-graft : long-term renal outcome of in utero exposed adults to immunosuppressive drugs - C. Vigneau, Pontchaillou Hospital, Rennes
- Blood inflammatory patterns and asthma - R. Nadif, Inserm¹, Villejuif*
- Chronic airflow limitation and accelerated lung function decline - N. Roche, Cochin Hospital, Paris*
- Chronic pelvic pain in women aged 18 to 25 - F. Margueritte, Inserm¹, Villejuif
- Chronic rheumatic diseases and comorbidities - MA. d'Agostino, Ambroise Paré Hospital, Boulogne-Billancourt
- Depression and addiction - C. Lemogne, AP-HP² Center-University of Paris Cité, Paris*
- Depression and cardiovascular diseases - C. Lemogne, AP-HP² Center-University of Paris Cité, Paris*
- Dyspnea in respiratory diseases - T. Perez, Lille University Hospital, Lille*
- Endometriosis epidemiology (ENDOEPi) - M. Kvaskoff, Inserm¹, Villejuif
- Epidemiology of atopic dermatitis in adults - F. Ruiz, Clinsearch, L'Oréal partnership, Malakoff^P
- Epidemiology of hearing impairment in the general population - JP. Empana, Inserm¹, Paris
- Epidemiology of Non-Alcoholic Fatty Liver Disease - L. Serfaty, Hautepierre Hospital, Strasbourg
- Hypobetalipoproteinemia (HBL) in the general population - B. Cariou, Nantes University Hospital, Nantes
- Ideal CardioVascular Health and Incident cardiovascular (ICAVHI) - JP. Empana, Inserm¹, Paris
- Impacts of the chronic cough in France - F. Ruiz, Clinsearch, MSD partnership, Malakoff^P
- Longitudinal interrelations between sleep and respiratory health - S. Plancoulaine, Inserm¹, Villejuif
- Myopia and sugar consumption - M. Raymond, CNRS³, Montpellier
- Opioid and gabapentinoid drug consumptions in patients with musculoskeletal pains - F. Bailly, IPLESP⁴, Paris
- Potential tattoo-related cancer risk - J. Schüz, IARC⁵, Lyon
- Paternal depression: prevalence and risk factors - J. van der Waerden, Inserm¹, Paris
- Return at work and job retention after breast cancer (REWORK-BC) - Y. Roquelaure, Angers University, Angers
- Rheumatoid arthritis and statins - A. Thiébaud, Inserm¹, Paris
- Risk and protective factors for Parkinson's disease - A. Elbaz, Inserm¹, Villejuif*
- Severe to profound deafness and cognitive functioning - I. Mosnier, University Hospital Group Pitié-Salpêtrière, Paris
- Sexual orientation and mental health - MJ. Saurel-Cubizolles, Inserm¹, Paris
- Sexuality after breast cancer - D. Héquet, Institut Curie, Saint-Cloud
- Unmeasured confounders in a pharmacoepidemiologic case-control study of Parkinson's disease (UCOPE-PD) - A. Thiébaud, Inserm¹, Paris

¹ French National Institute of Health and Medical Research

² Assistance Publique-Hôpitaux de Paris, Public health establishment and University hospital Center of the Ile-de-France region

³ National Center for Scientific Research

⁴ Pierre Louis Institute of Epidemiology and Public Health

⁵ International Agency for Research on Cancer

OBSERVATION, SURVEILLANCE

- Assessing the Potential Impact of Lung Cancer Screening in France - H. Robbins, IARC¹, Lyon
- Description of electrocardiogram in Constances volunteers - F. Extramiana, Bichat Hospital, Paris
- Epidemiology of chronic kidney disease in France - J. Blacher, University of Paris Cité, Paris
- Identification of vitiligo patients using advanced Machine Learning - S. Bouée, CEMKA, Incyte partnership, Bourg-La-Reine^P
- JASMIN - Feasibility study for the enrollment of chronic diseases cohorts into the general population Constances cohort - L. Meyer, Inserm², Le Kremlin-Bicêtre
- Machine learning methods for identifying diseases in administrative databases - K. Bounebacher, Inserm², Le Kremlin-Bicêtre
- OFPA – Blood pressure Observatory in France - O. Grimaud, EHESP³, Rennes
- POPGEN - Population genetic Diversity of France - E. Génin, Inserm², Brest
- Prevalence and determinants of high blood pressure - J. Blacher, University of Paris Cité, Paris
- Surveillance of chronic respiratory diseases - MC. Delmas, Santé publique France⁴, Saint-Maurice*
- Surveillance of diabetes - S. Fosse-Edorh, Santé publique France⁴, Saint-Maurice

HEALTH CARE, PREVENTION, SCREENING, TREATMENTS

- Access to ambulatory and hospital care and avoidable hospitalizations and 30-day readmissions - C. Quantin, Dijon Bourgogne University Hospital, Dijon
- Breast and cervical cancer screening among diabetic and obese women - G. Menvielle, Inserm², Paris
- Contraception used by women aged over 40 years - V. Ringa, Inserm², Villejuif
- Free vaccination and adherence of influenza vaccination - C. Garrouste, Paris-Dauphine University, Paris
- Health, health care utilization and patients' mobility - P. Choné, CREST⁵, Palaiseau
- Metabolic signature of Tramadol – PJ. Ferron, Inserm², Rennes
- Polypharmacy and addictions (alcohol, tobacco, cannabis) - A. Justice, Yale University, West Haven, USA
- Q-PRIM - Care pathway and quality of primary care - L. Rigal, Paris-Sud University, Le Kremlin-Bicêtre
- Serious adverse events in primary care - JM. Oriol, FORAP⁶, Pessac

¹ International Agency for Research on Cancer

² French National Institute of Health and Medical Research

³ French School of Public Health

⁴ French National Public Health Agency

⁵ Center for Research in Economics and Statistics

⁶ French Federation of Regional and territorial agencies for the Improvement of Health practices and organizations

OCCUPATIONAL AND ENVIRONMENTAL RISKS

Air pollution and age-related macular degeneration - C. Delcourt, Inserm¹, Bordeaux

Air pollution and cognition - B. Jacquemin, Inserm¹, Villejuif

Air pollution and rhinitis - B. Jacquemin, Inserm¹, Villejuif*

Arduous working conditions and aging - A. Descatha, Angers University, Angers*

CALICO - Unemployment and lifestyle - M. Plessz, Inrae², Paris

Cancer and contamination of drinking water - C. Villanueva, ISGlobal³, Barcelona, Spain

CIG-ELECTRA – Trajectories of tobacco and e-cigarette use - M. Zins, Inserm¹, Villejuif

Cleaning agents and irritants and asthma - N. Le Moual, Inserm¹, Villejuif*

COSET - Cohorts for occupational risks surveillance - C. Ménard, Santé publique France⁴, Saint-Maurice

COSMOS France – Cohort of mobile phone users in France - J. Schüz, IARC⁵, Lyon

ESTER: Occupational risks among teachers and researchers - MN. Vercambre-Jacquot, MGEN Foundation for Public Health, Paris

Health impact of solar ultraviolet radiation exposure on the skin and eye health - A. Cougnard-Gregoire, Inserm¹, Bordeaux

Household use of cleaning agents and respiratory health - N. Le Moual, Inserm¹, Villejuif

Ionizing radiations, exposome and risk of cancers and other chronic diseases - O. Laurent, IRSN⁶, Fontenay-aux-Roses

Job-exposure matrix for biomechanical factors - B. Evanoff, Washington University, Saint Louis, USA*

National Evaluation of Mould contamination in French Dwellings – E. Fréalle, Pasteur Institute of Lille, Lille

Night shift work and risk of cancer - P. Guénel, Inserm¹, Villejuif

Night work and ischemic heart disease - S. Boini, INRS⁷, Vandœuvre-lès-Nancy

OCAPOL - Chronic exposure to air pollution and cancer - M. Goldberg, Inserm¹, Villejuif

Occupational exposures and respiratory health - O. Dumas, Inserm¹, Villejuif

Occupational exposure to disinfectants and cleaning products and respiratory diseases - O. Dumas, Inserm¹, Villejuif

Surveillance of chronic respiratory diseases in relation to work - Y. Iwatsubo, Santé publique France⁴, Saint-Maurice*

The urban exposome study in Paris - K. Makris, Cyprus International Institute for Environmental and Public Health, Limassol, Cyprus

Work organization and maintaining employment - Y. Roquelaure, Angers University, Angers*

Working conditions and the social gradient of health in midlife (WorkGrade) - J. Siegrist, University of Düsseldorf, Düsseldorf, Germany

¹ French National Institute of Health and Medical Research

² French National Research Institute for Agriculture, Food and Environment

³ Barcelona Institute for Global Health

⁴ French National Public Health Agency

⁵ International Agency for Research on Cancer

⁶ Institute for Radiological Protection and Nuclear Safety

⁷ National Research of Safety Institute

HEALTH ECONOMICS

Economic evaluation of care pathways for patients with non-alcoholic steatohepatitis (NASH) - I. Durand-Zaleski, AP-HP¹ URC-Eco², Paris

AGING

Determinants of Cognitive Ageing - A. Singh-Manoux, Inserm³, Villejuif*

Determinants of Physical Aging in Middle-aged Adults - A. Elbaz, Inserm³, Villejuif*

Establishment of normative scores for standard cognitive scores - H. Amieva, Inserm³, Bordeaux*

Individual and contextual proxies of cognitive reserve - C. Berr, Inserm³, Montpellier*

Sugar consumption, periodontal pathologies and cognitive functioning - S. Artero, Inserm³, Montpellier

Urban environmental exposures and cognitive functioning - B. Jacquemin, Inserm³, Rennes

Working life occupation and cognitive ageing - C. Berr, Inserm³, Montpellier*

SOCIOECONOMIC DETERMINANTS OF HEALTH

Depression and social determinants - M. Melchior, Inserm³, Paris*

Depression and social outcomes - C. Lemogne, AP-HP¹ Center-University of Paris Cité, Paris*

Differences in health between men and women - E. Cambois, Ined⁴, Paris

Immigrants health - E. Moreno Galbis, Aix-Marseille University, Les Milles

Impact of psycho-socioeconomic determinants on cancer progression - C. Delpierre, Inserm³, Toulouse

Impact of unemployment on health and health behaviors - L. Rochaix, University Paris 1 Panthéon-Sorbonne, Paris

Interaction between depression and cardiovascular disease and individuals' sociodemographic characteristics - N. Bajos, Inserm³, Aubervilliers

Relationships between unemployment and health - P. Meneton, Inserm³, Paris

Socioeconomic and behavioral determinants by a behavioral economics module on individual preferences - A. Nebout, Inrae⁵, Ivry-sur-Seine

Suicidal behaviors and environmental factors - P. Courtet, Inserm³, Montpellier

¹ Assistance Publique-Hôpitaux de Paris, Public health establishment and University hospital Center of the Ile-de-France region

² Clinical trial unit on health Economics

³ French National Institute of Health and Medical Research

⁴ French Institute for Demographic Studies

⁵ French National Research Institute for Agriculture, Food and Environment

Research projects

Consortium projects are marked with an asterisk (*), projects funded by a private organization with a P.

COVID-19

Associations between air pollution exposure and SARS-CoV-2 infection - B. Jacquemin, Inserm¹, Rennes

Consequences of the SARS-CoV-2 pandemic for substance users - G. Airagnes, Inserm¹, Villejuif

Depression and the 2020 COVID-19 lockdown – C. Lemogne, AP-HP² Center-University of Paris Cité, Paris

Health status of education professionals during the Covid-19 pandemic in France - MN. Vercambre-Jacquot, MGEN Foundation for Public Health, Paris

Host genetic and COVID-19 phenotypes - H. Aschard, Institut Pasteur, Paris

Immunology, genetics and SARS-Cov2 - L. Abel, Inserm¹ – Imagine Institute, Paris

Impact of the COVID-19 and associated measures on different occupational groups – G. Boulanger, Santé publique France³, Saint-Maurice

Impact of the COVID-19 epidemics on job trajectories and Health in CONSTANCES (VITESSE) - Y. Roquelaure, Angers University, Angers

Impact of the COVID-19 pandemic on the mental health of healthcare workers - A. Rouquette, Inserm¹, Paris

Job-exposure matrix and SARS-CoV-2 – A. Descatha, Angers University, Angers

SEROCO - SERologie COstances - M. Zins, Inserm¹, Villejuif

Social inequalities and addictive behaviours during the COVID-19 pandemic - M. Melchior, Inserm¹, Paris

Uncertainty and family transitions during the COVID-19 pandemic - A. Pailhé, Ined⁴, Aubervilliers

PROJECTS INCLUDED IN RESEARCH CONSORTIA

EPHOR Mega Cohort – M. Turner, ISGlobal⁵, Barcelona, Spain / EPHOR⁶ consortium

Exposome trajectories in different life stages – J. Ronkainen, University of Oulu, Oulu, Finland and N. Timpson, University of Bristol, United Kingdom / LONGITOOLS⁷ consortium

Impact of oral hygiene and periodontitis on the incidence of cardiovascular disease – P. Bouchard, AP-HP² Rothschild Hospital, Paris / iVASC⁸ consortium

Sleep-disordered breathing and atherothrombosis – M. Pia d’Ortho, Bichat – Claude-Bernard Hospital, Paris / iVASC⁸ consortium

Working-life exposome, lung function, and asthma among men and women – V. Schlünssen, Aarhus University, Denmark / EPHOR⁶ consortium

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³ French National Public Health Agency

⁴ French Institute for Demographic Studies

⁵ Barcelona Institute for Global Health

⁶ Exposome Project for Health and Occupational Research

⁷ Health and Environment Dynamics

⁸ Innovation in Atherothrombosis Science

⁹ General population health, practices, relationships, and social inequalities during the COVID-19 crisis

