

# EUROPEAN CONGRESS OF EPIDEMIOLOGY

**CRISES, EPIDEMIOLOGICAL TRANSITIONS  
AND THE ROLE OF EPIDEMIOLOGISTS**

**PROGRAM**

**JULY 4-6, 2018**

**CITÉ INTERNATIONALE  
LYON FRANCE**

**[www.euroepi2018.com](http://www.euroepi2018.com)**

# EDITORIAL

During the last two decades, health crises have often been related to epidemics of infectious diseases. However, a crisis can be economical, political, humanitarian, ecological, or associated with a major acute or chronic health event. Whatever the circumstances of crises and their consequences in the short, medium and long term, health is rarely spared, especially in the most vulnerable populations.

Crises invariably result from multiple factors, the respective contributions of which are challenging to identify and quantify. Health-related outcomes therefore need to be studied using appropriate methods, and epidemiologists play a key role in providing valid information to public authorities. Providing a relevant epidemiological analysis of crises is indeed essential for establishing appropriate and proportionate control measures, but also for anticipating the future, in terms of both the direct consequences of the crisis and our ability to use the experience acquired to improve public health policies.

Crises can have a major impact on populations, and be incompletely resolved before a secondary related crisis occurs in the same population. Health matters, including control measures and access to care, can then be key issues.

We hope that this congress will provide opportunities to explore these issues in depth. Other topics will be also presented, including the epidemiology of chronic diseases, infectious diseases, methodological issues, quantitative and qualitative analysis, vaccine impact, access to care, etc. Efforts will be made to share expertise and education with junior epidemiologists.

Ultimately, these results need to be beneficial for populations, whatever their daily life situation.

We hope you find the congress interesting, and that you can find some time to visit the lovely Lyon area.



Pr Lucie Laflamme



Pr Philippe Quénel



Pr Rachid Salmi



Pr Philippe Vanhems

# CO-ORGANISED BY



**The International Epidemiological Association (IEA)** has more than 1100 members worldwide. IEA seeks to promote the highest quality of epidemiological practice to solve health problems throughout the world. This is done through scientific meetings, seminars and training courses; the publication of journals, books and other materials; through networking and the exchange of ideas among members; and through other activities consistent with these aims and aligned with our principles of universality, decentralization and volunteerism.

[www.ieaweb.org](http://www.ieaweb.org)



The association of French-speaking epidemiologists was created in 1976. Its headquarters are in Bordeaux (France). Its current membership is 738 members who come mainly from French-speaking countries. ADELf is open to all those who take an interest in epidemiology in the field of medical research and public health.

**ADELf** aims at making contacts easier between French-speaking epidemiologists and with other epidemiologists, as well as developing and spreading epidemiological methods. The association also strives to promote all studies and research in epidemiology.

ADELf's website [www.adelf.isped.u-bordeaux2.fr](http://www.adelf.isped.u-bordeaux2.fr)



**EPITER association**, founded in 1985 as a continuation of the first International applied epidemiology course (IDEA), brings together field epidemiologists from different occupational background, practising in France and abroad. Promotion and development of training and research in field epidemiology, pooling of professional experiences and information, scientific exchanges with French and foreign health actors, public health and epidemiologists are at the heart of Epiter motivations and activities. The association is made up of IDEA course "former students" and trainers as well as co-opted members, gathering to date more than 710 members. The association is also open to new training courses participants (Epiter course, Dakar applied epidemiology course) sharing a common culture of field epidemiology.

Latest information on Epiter can be found on the website: [www.epiter.org](http://www.epiter.org)

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## Reviewers:

Euro Epi 2018 would like to express its special thanks to the abstract reviewers, which played an important role in the appreciation of the research abstracts of more than 600 experts in the most diverse fields of epidemiology studies.

- |                                |                          |                        |
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## WEDNESDAY JULY 4

|                   | AUDITORIUM LUMIERE   | ROOM RHONE 1  | ROOM RHONE 2  | ROOM RHONE 3  |
|-------------------|--|---|---|---|
| 8:30am - 9:45am   | DOORS OPENING  |   |   |   |
| 9:45am - 10:00am  | <b>WELCOME ADDRESS AND INTRODUCTION</b><br><i>Philippe Vanhems - Lyon, France;</i><br><i>Lucie Laflamme - Stockholm, Sweden;</i><br><i>Patricia Kearney - Cork, Ireland</i>                        |   |   |   |
| 10:00am - 11:00am | <b>PLENARY SESSION</b><br><i>Chair: Rachid Salmi - Bordeaux, France</i><br>TIMING, TRAJECTORIES AND TRANSITIONS: A LIFE COURSE APPROACH TO AGEING<br><i>Rebecca Hardy - London, United Kingdom</i> |   |   |   |
| 11:00am - 11:30am | OPENING OF THE EXHIBITION - COFFEE BREAK   |   |   |   |
| 11:30am - 1:00pm  |  | <b>CHILD AND ADOLESCENT HEALTH</b><br><i>Chairs: Louise Alain - Quebec, Canada;</i><br><i>Lise Hestbaek - Odense, Denmark</i>   | <b>LIFE COURSE EPIDEMIOLOGY AND AGEING</b><br><i>Chair: Rachid Salmi - Bordeaux, France</i>   | <b>GLOBAL TRENDS IN CANCER</b><br><i>Chair: Rodolfo Saracci - Lyon, France</i>  |
|                   |  | BREAKFAST SKIPPING AND OVERWEIGHT/OBESITY AMONG EUROPEAN ADOLESCENTS, A CROSS-SECTIONAL ANALYSIS OF THE HELENA DATASET: A DEDIPAC STUDY<br><i>Janas Harrington - Cork, Ireland</i>    | DO BIRTH COHORTS MAKE A DIFFERENCE FOR DEFICIT ACCUMULATION TRAJECTORIES IN OLDER AGE? FIRST RESULTS FROM THE KORA-AGE STUDY<br><i>Anna-Janina Stephan - Munich, Germany</i>              | GLOBAL CANCER INCIDENCE IN OLDER ADULTS IN 2012<br><i>Sophie Pilleron - Lyon, France</i>  |
|                   |  | EATING BEHAVIOUR AND DIETARY INTAKE IN OBESITY PRONE NORMAL WEIGHT CHILDREN MAY BE RELATED TO DURATION OF EXCLUSIVE BREASTFEEDING<br><i>Ina Olmer Specht - Frederiksberg, Denmark</i> | IMPACT OF CHANGES IN TOBACCO SMOKING PREVALENCE ON DEATH, DEMENTIA AND DISABILITY IN ENGLAND AND WALES 2017-2040: A MODELLING STUDY<br><i>Sara Ahmadi-Abhari - London, United Kingdom</i> | CANCER PREVENTION IN EUROPE: HOW MANY CANCERS CAN BE PREVENTED?<br><i>Isabelle Soerjomataram - Lyon, France</i>   |
|                   |  | CONGENITAL HEART DISEASE, SOCIOECONOMIC POSITION, AND RISK OF PRETERM BIRTH<br><i>Stine Kloster - Copenhagen, Denmark</i>   | VITAMIN D AS PREDICTOR OF TELOMERE LENGTH IN THE TRANSITION FROM CHILD TO ADOLESCENT<br><i>Carola Van Aart - Ghent, Belgium</i>   | GLOBAL TRENDS AND PROJECTIONS IN COLORECTAL CANCER MORTALITY<br><i>Marzieh Araghi - Lyon, France</i>  |
|                   |  | SLEEPING PATTERNS AND ASSOCIATION WITH HEALTH AND SCHOOL-RELATED OUTCOMES AND BEHAVIOURS AMONG ADOLESCENTS<br><i>Estelle Méroc - Brussels, Belgium</i>                                | CIRCULATING ANTIOXIDANTS AND ALZHEIMER'S DISEASE PREVENTION: A MENDELIAN RANDOMIZATION STUDY<br><i>Dylan Williams - Stockholm, Sweden</i>   | DETERMINANTS OF FUNCTIONAL DECLINE AND SURVIVAL IN ELDERLY PEOPLE FOLLOWING CANCER DIAGNOSIS: THE NEED TO CONSIDER GERIATRIC FACTORS<br><i>Angéline Galvin - Bordeaux, France</i> |
|                   |  | VITAMIN D PRENATAL PROGRAMMING OF RESPIRATORY AND ALLERGIC OUTCOMES IN CHILDHOOD: WHAT ARE OBSERVATIONAL STUDIES TELLING US?<br><i>Eva Morales - Murcia, Spain</i>                    | INFLAMMATORY MARKERS ARE ASSOCIATED WITH AGE-RELATED HEARING IMPAIRMENT: THE ENGLISH LONGITUDINAL STUDY OF AGEING<br><i>Camille Lassale - London, United Kingdom</i>                      | INTERNATIONAL TRENDS IN CANCER INCIDENCE AND MORTALITY AMONG OLDER ADULTS, 1983-2012<br><i>Sophie Pilleron - Lyon, France</i>   |
|                   |  | INEQUALITY IN RISK OF CEREBRAL PALSY BY PARENTAL EDUCATIONAL STATUS - A POPULATION-BASED COHORT STUDY WITH SIBLING ANALYSIS<br><i>Ingeborg Forthun - Bergen, Norway</i>               | PERIPAPILLARY RETINAL NERVE FIBER LAYER THICKNESS AND COGNITIVE FUNCTION ACROSS THE ADULT LIFESPAN IN THE RHINELAND STUDY<br><i>David Ward - Bonn, Germany</i>                            | GEOGRAPHICAL DISPARITIES IN CHRONIC LYMPHOID LEUKAEMIA: CLUES TO AN ENVIRONMENTAL AETIOLOGY?<br><i>Adalberto Miranda-Filho - Lyon, France</i>                                     |
| 1:00pm - 2:00pm   | LUNCH - EXHIBITION   |   |   |   |

|                 | AUDITORIUM LUMIERE   | ROOM RHONE 1   | ROOM RHONE 2   | ROOM RHONE 3  |
|-----------------|--|--|--|---|
| 2:00pm - 3:00pm | <b>PLENARY SESSION</b><br><i>Chairs: Lucie Laflamme - Stockholm, Sweden; Maurice Zeegers - Maastricht, Netherlands</i><br><b>RESPONSIBLE EPIDEMIOLOGIC RESEARCH PRACTICE (RERP)</b><br>- A GUIDELINE DEVELOPED BY THE NETHERLANDS EPIDEMIOLOGIC SOCIETY<br><i>Gerard Swaen - Maastricht, Netherlands</i>   |  |  |   |
| 3:00pm - 4:00pm | <b>POSTERS SESSION EXHIBITION AREA</b>   | <b>3:30pm - WORKSHOP - TEACHING EPIDEMIOLOGY</b><br><i>Organised by German Task Force "Teaching Epidemiology"</i><br><i>Chair: Eva Grill - Munich, Germany</i>   | <b>POSTERS SESSION - EXHIBITION AREA</b>   |   |
| 4:00pm - 5:30pm | <b>USE AND PREVENTION OF ALCOHOL AND TOBACCO</b><br><i>Chair: Anne Gallay - Saint-Maurice, France</i>  |  | <b>MATERNAL AND POPULATION ENVIRONMENTAL EXPOSURES</b><br><i>Chair: Papa N'diaye - Saint-Louis, Senegal</i>  | <b>CANCER: RISK FACTORS AND SCREENING</b><br><i>Chair: Manami Inoue - Tokyo, Japan</i>  |
|                 | <p>ALCOHOL, PATTERN OF DRINKING AND ALL-CAUSE MORTALITY IN RUSSIA, BELARUS AND HUNGARY: A RETROSPECTIVE INDIRECT COHORT STUDY BASED ON MORTALITY OF RELATIVES<br/> <i>Martin Bobak - London, United Kingdom</i></p> <p>THE IMPACT OF TOBACCO CONTROL POLICIES ON SMOKING AMONG OLDER ADULTS: A LONGITUDINAL ANALYSIS OF 10 EUROPEAN COUNTRIES<br/> <i>Julian Perelman - Lisbon, Portugal</i></p> <p>NONBEVERAGE ALCOHOLS IN RUSSIA: WERE THEY STILL CONSUMED FOR DRINKING IN 2015-2017?<br/> <i>Artyom Gil - Moscow, Russia</i></p> <p>WHAT DIFFERENTIATES TEENAGE USERS OF ELECTRONIC CIGARETTES FROM USERS OF TOBACCO PRODUCTS?<br/> <i>Hugo Torregrassa - Paris, France</i></p> <p>PARENTAL ALCOHOL PROBLEMS AND SOCIO-ECONOMIC DIFFERENCES IN EMOTIONAL SYMPTOMS AMONG YOUNG PEOPLE<br/> <i>Veronica Pisinger - Copenhagen, Denmark</i></p> <p>COST-EFFECTIVENESS OF TOBACCO CONTROL STRATEGIES TOWARDS YOUTHS ACROSS SEVEN EUROPEAN COUNTRIES: MEASUREMENT, CHALLENGES AND RESULTS<br/> <i>Teresa Leao - Lisbon, Portugal</i></p> | <p>KEYNOTE: TEACHING EPIDEMIOLOGY<br/> <i>Eva Grill - Munich, Germany</i><br/>           CORE COMPETENCIES IN EPIDEMIOLOGY: INTERNATIONAL OVERVIEW<br/> <i>Ulla Schlipkoeter - Munich, Germany</i><br/>           CORE COMPETENCIES IN EPIDEMIOLOGY: GERMAN CATALOGUE<br/> <i>Brigitte Strahwald - Munich, Germany</i></p> <p>EPIDEMIOLOGICAL TEACHING ALLIANCE: TOWARDS AN INTERNATIONAL CATALOGUE OF LEARNING OBJECTIVES AND BEYOND<br/> <i>World Café</i></p> <p>EPIDEMIOLOGICAL TEACHING ALLIANCE: PERSPECTIVES<br/> <i>Brigitte Strahwald, Eva Grill and Ulla Schlipkoeter - Munich, Germany</i></p> <p>TARGET GROUP:<br/>           The workshop is meant for creating a platform of exchange between everybody involved or interested in teaching Epidemiology. All participants will be invited to present examples of "best practice" in the field.</p> <p>ABSTRACT:<br/>           The German National Catalogue of Core Competencies in Epidemiology is the preliminary result of a multiple-stage development process involving scientists and practitioners teaching epidemiology in German bachelor and master courses. The Catalogue was discussed and adopted by the First National Teaching Conference that was held in Hannover in 2017. We would now like to present the catalogue and discuss it on a European level with all interested European colleagues. Also, we intend to invite a Keynote Speaker giving impulses about e.g. the development of curricula and competence building. The workshop should be the stage for the formation of an Epidemiological Teaching Alliance (ETA).</p> | <p>MULTIPLE PREGNANCIES AND ENVIRONMENTAL EXPOSURE: AN IMPACT OF AIR POLLUTION ON FETAL GROWTH?<br/> <i>Anne-Sophie Mariet - Dijon, France</i></p> <p>EFFECTS OF PRENATAL OXIDATIVE STRESS LEVELS ON FETAL PROGRAMMING: RESULTS FROM THE NELA BIRTH COHORT<br/> <i>Eva Morales - Murcia, Spain</i></p> <p>CIRCULATING LEVELS OF PERFLUOROALKYLATED COMPOUNDS AND BREAST CANCER RISK: EVIDENCE FROM A NESTED CASE-CONTROL STUDY<br/> <i>Francesca Romana Mancini - Villejuif, France</i></p> <p>AIRBORNE DIOXIN EXPOSURE AND BREAST CANCER RISK IN A CASE-CONTROL STUDY NESTED WITHIN THE FRENCH E3N PROSPECTIVE COHORT<br/> <i>Aurélien Danjou - Lyon, France</i></p> <p>IMPACT OF MEAN TEMPERATURE ON DAILY MORTALITY IN 7 DIFFERENT BIOCLIMATIC REGIONS IN TUNISIA, 1991-2011<br/> <i>Hedia Bellali - Ariana, Tunisia</i></p> <p>PROPOUMON: SYSTEMATIC SCREENING FOR OCCUPATIONAL EXPOSURES IN LUNG CANCER PATIENTS: A PROSPECTIVE FRENCH COHORT<br/> <i>Béatrice Fervers - Lyon, France</i></p> | <p>NONSTEROIDAL ANTI-INFLAMMATORY DRUG USE AND BREAST CANCER RISK IN A PROSPECTIVE COHORT STUDY<br/> <i>Manon Cairat - Lyon, France</i></p> <p>INTAKE OF NUTS AND LONG-TERM RISK OF UPPER GASTROINTESTINAL CANCER: A 30-YEAR FOLLOW-UP STUDY IN THE LINXIAN GENERAL POPULATION TRIAL COHORT<br/> <i>Zhikai Zhu - Beijing, China</i></p> <p>ABDOMINAL OBESITY AND PROSTATE CANCER RISK: EPIDEMIOLOGICAL EVIDENCE FROM THE EPICAP STUDY<br/> <i>Celine Lavalette - Villejuif, France</i></p> <p>A CASE-CONTROL STUDY ON CERVICAL CANCER AND FREQUENCY OF PARTICIPATION IN SCREENING<br/> <i>Luana Fiengo Tanaka - Munich, Germany</i></p> <p>EFFECT OF ORGANISED MAMMOGRAPHY SCREENING ON BREAST CANCER MORTALITY: A POPULATION-BASED COHORT STUDY IN NORWAY<br/> <i>Henrik Størvring - Aarhus, Denmark</i></p> |
| 5:30pm - 7:00pm | WELCOME RECEPTION ON THE EXHIBITION  |  |  |   |

|                   | AUDITORIUM LUMIERE  | ROOM RHONE 1  | ROOM RHONE 2   | ROOM RHONE 3  |
|-------------------|---|---|--|---|
| 8:30am - 9:00am   | OPENING   |   |  |   |
| 9:00am - 10:00am  | <b>PLENARY SESSION</b><br><i>Chair: Salim Adib - Beirut, Lebanon</i><br>MIGRATION AND MENTAL HEALTH<br><i>Cecilia Magnusson - Stockholm, Sweden</i>   |   |  |   |
| 10:00am - 10:30am | EXHIBITION - COFFEE BREAK   |   |  |   |
| 10:30am - 12:00pm | <b>SOCIAL EPIDEMIOLOGY</b><br><i>Chairs: Angèle Gayet-Ageron - Geneva, Switzerland; Maurice Zeegers - Maastricht, Netherlands</i><br><br>THE ASSOCIATION BETWEEN SOCIOECONOMIC DEPRIVATION AND OLD-AGE SURVIVAL IN FIVE EUROPEAN COUNTRIES - A CROSS-NATIONAL ECOLOGICAL ANALYSIS<br><i>Ana Isabel Ribeiro - Porto, Portugal</i><br><br>SOCIOECONOMIC DIFFERENCES IN ABSOLUTE CARDIOVASCULAR DISEASE RISK AND TREATMENT: OPPORTUNITIES FOR REDUCING INEQUALITIES IN CARDIOVASCULAR EVENTS IN THE POPULATION<br><i>Ellie Paige - Canberra, Australia</i><br><br>CEREBRAL PALSY AMONG CHILDREN OF IMMIGRANTS IN DENMARK AND THE ROLE OF SOCIOECONOMIC STATUS<br><i>Tanja Gram Petersen - Copenhagen, Denmark</i><br><br>SOCIOECONOMIC POSITION AND ALCOHOL RELATED HARM IN DANISH TEENAGERS<br><i>Sanne Pagh Møller - Copenhagen, Denmark</i><br><br>SOCIAL DETERMINANTS OF PNEUMOCOCCAL VACCINATION STATUS IN JAPANESE ELDERLY<br><i>Yugo Shobugawa - Niigata, Japan</i> | <b>MATERNAL AND CHILD HEALTH</b><br><i>Chairs: Agathe Billette de Villemeur - Grenoble, France; Henrique Barros - Porto, Portugal</i><br><br>ASSESSING CAUSALITY IN ASSOCIATIONS BETWEEN MATERNAL ADIPOSITY AND OBSTETRIC AND PERINATAL OUTCOMES: A MENDELIAN RANDOMIZATION STUDY<br><i>Michelle Taylor - Bristol, United Kingdom</i><br><br>ASSOCIATIONS BETWEEN MATERNAL LIFESTYLE FACTORS AND NEONATAL BODY COMPOSITION IN THE SCREENING FOR PREGNANCY ENDPOINTS (CORK) COHORT STUDY<br><i>Darren Dahly - Cork, Ireland</i><br><br>MATERNAL OCCUPATIONAL EXPOSURE TO UNINTENTIONAL NANOSCALE PARTICLES AND SMALL FOR GESTATIONAL AGE OUTCOME IN THE ELFE COHORT<br><i>Guyguy Manangama - Bordeaux, France</i><br><br>LOW SOCIOECONOMIC STATUS AND UNHEALTHY LIFESTYLE HABITS ARE ASSOCIATED WITH A PREMATURE OCCURRENCE OF STOCHASTIC EPIGENETIC MUTATIONS: A META-ANALYSIS WITHIN THE LIFEPATH PROJECT<br><i>Giovanni Fiorito - Turin, Italy</i><br><br>VACCINATION COVERAGE OF ADOLESCENTS: RESULTS OF A 3-YEARS DEFENSE AND CITIZENSHIP DAY-BASED SURVEY, ILLE ET VILAINE, FRANCE, 2015-2017<br><i>Bertrand Gagnière - Rennes, France</i> | <b>CANCER EPIDEMIOLOGY</b><br><i>Chair: Ghislaine Scelo - Lyon, France</i><br><br>BASAL METABOLIC RATE AND RISK OF COLORECTAL CANCER IN THE EUROPEAN PROSPECTIVE INVESTIGATION INTO CANCER AND NUTRITION<br><i>Nathalie Kliemann - Lyon, France</i><br><br>TOBACCO-ATTRIBUTABLE BURDEN OF CANCER ACCORDING TO SOCIOECONOMIC POSITION IN FRANCE<br><i>Gwenn Menvielle - Paris, France</i><br><br>EXOGENOUS HORMONE USE AND CUTANEOUS MELANOMA RISK IN WOMEN: THE EUROPEAN PROSPECTIVE INVESTIGATION INTO CANCER AND NUTRITION<br><i>Iris Cervenka - Villejuif, France</i><br><br>INCIDENCE TRENDS AND AGE-PERIOD-COHORT EFFECT ON OVARIAN CANCER IN HIGH-INCOME COUNTRIES<br><i>Citadel Cabasag - Lyon, France</i><br><br>INTERNATIONAL AND SUBNATIONAL VARIATION IN THYROID CANCER INCIDENCE AND MORTALITY OVER 2008-2012<br><i>Joannie Lortet-Tieulent - Lyon, France</i> | <b>LEPTOSPIROSIS, RE-EMERGING DISEASE IN EUROPE? SPONSORED BY IMAXIO</b><br><i>Chair: Anne Mosnier - Paris, France</i><br><br>LEPTOSPIROSIS, A NEGLECTED BUT EMERGING ZOOONOTIC DISEASE IN FRANCE<br><i>Mathieu Picardeau - Paris, France</i><br><br>FEVERISH FARMERS AND TREMBLING TRAVELLERS: LEPTOSPIRA IN ENGLAND AND WALES<br><i>Vicki Chalker - London, United Kingdom</i><br><br>THE EMERGENCE OF LEPTOSPIROSIS IN THE EU: THE EFFECT OF CLIMATE ON LONG TERM TRENDS AND SEASONAL OUTBREAKS BETWEEN 2008 AND 2014<br><i>Marga Goris - Amsterdam, Netherlands</i> |
| 12:00pm - 1:00pm  | LUNCH - EXHIBITION  |   |  |   |
| 1:00pm - 1:45pm   | <b>PLENARY SESSION</b><br><i>Chair: Philippe Quénel - Rennes, France</i><br>PUBLIC HEALTH SURVEILLANCE AND INTERNATIONAL HEALTH REGULATIONS (2005)<br><i>José Guerra - Lyon, France</i><br>A REACTIVE MORTALITY SURVEILLANCE SYSTEM IN FRANCE FOR ALERT AND DECISION MAKING<br><i>Yasmine Baghdadi - Saint Maurice, France</i>  |   |  |   |

# Symposium

Thursday  
**July 5<sup>th</sup> 2018**

**10:30-12:00**

Rhône 3 room

Why **leptospirosis**, among the **leading zoonotic causes of morbidity** worldwide, is now **re-emerging in Europe**?

## Leptospirosis, a re-emerging disease in Europe

### PROGRAM

#### Leptospirosis, a neglected but emerging zoonotic disease in France

**Dr Mathieu Picardeau – France** : Head of the Biology of Spirochetes unit and Director of the French National Reference Center for leptospirosis

#### Feverish farmers and trembling travellers: *Leptospira* in England and Wales

**Dr Vicki Chalker – United Kingdom** : Head, Respiratory and Vaccine Preventable Bacteria Reference Unit, Public Health England

#### The emergence of leptospirosis in the EU: the effect of climate on long term trends and seasonal outbreaks between 2008 and 2014

**Dr Marga Goris – The Netherlands** : Head OIE and National Collaborating Centre for Reference and Research on Leptospirosis, Academic Medical Center, Department of Medical Microbiology, University of Amsterdam

### SPONSOR

Imaxio, French biotech company specialised in the prevention of human leptospirosis - [www.imaxio.com](http://www.imaxio.com)



DOMESTICATED  
AND FARM ANIMALS  
EXPOSURE

RODENTS  
EXPOSURE

POLLUTED  
WATER  
EXPOSURE

Leptospirosis is among the **leading zoonotic causes of morbidity worldwide**.<sup>(1)</sup>

Each year, there are **1 million clinical cases** and **60,000 deaths** due to leptospirosis worldwide.<sup>(2)</sup>

In Europe, this zoonosis is considered as an emerging disease due to **global climate changes** (global warming and more frequent extreme climatic events resulting in flooding) and rapid urbanization which favour rodents proliferation and therefore **rat-borne transmission**, the main carriers of leptospirosis.<sup>(3)</sup>

(1) Costa F et al. Global morbidity and mortality of Leptospirosis: a Systematic Review 2015. PLoS Negl Trop Dis 9(9): e0003898. <https://doi.org/10.1371/journal.pntd.0003898>

(2) Bertherat E. Éditorial. Leptospirosis: an emerging disease or an emerging issue? Bull Epidemiol Hebd. 2017;(8-9):130. [http://invs.santepubliquefrance.fr/beh/2017/8-9/2017\\_8-9\\_0.html](http://invs.santepubliquefrance.fr/beh/2017/8-9/2017_8-9_0.html)

(3) Bertherat E. Éditorial. Leptospirosis in the French overseas regions and departments. Bull Epidemiol Hebd. 2017;(8-9):130. [http://invs.santepubliquefrance.fr/beh/2017/8-9/2017\\_8-9\\_0.html](http://invs.santepubliquefrance.fr/beh/2017/8-9/2017_8-9_0.html)

|                 | AUDITORIUM LUMIERE  | ROOM RHONE 1   | ROOM RHONE 2   | ROOM RHONE 3   |
|-----------------|---|--|--|--|
| 1:45pm - 2:45pm | <b>SANOFI PASTEUR SYMPOSIUM ON INFLUENZA</b><br><i>Chair: Philippe Vanhems - Lyon, France</i><br>INFLUENZA EPIDEMIOLOGY: LATEST SURVEILLANCE DATA<br><i>Raúl Ortiz de Lejarazu Leonardo - Valladolid, Spain</i><br>MEDICAL BURDEN OF INFLUENZA ILLNESS: NEED TO CHANGE THE CONVERSATION<br><i>Marc Van Ranst - Leuven, Belgium</i><br>INCIDENCE OF NOSOCOMIAL SEASONAL INFLUENZA: ESTIMATES FROM A 12-YEAR PROSPECTIVE SURVEILLANCE STUDY OF HOSPITALIZED ADULTS AND HEALTHCARE WORKERS IN 2004-2017<br><i>Clotilde El Guerche-Séblain - Lyon, France</i><br>CONCLUSION<br><i>Philippe Vanhems - Lyon, France</i>   |  |  |  |
| 2:45pm - 3:45pm | <b>POSTERS SESSION - EXHIBITION AREA</b>  |  |  |  |
| 3:45pm - 5:15pm | <b>TRANSMISSIBLE INFECTIONS</b><br><i>Chairs: Jean-François Etard - Montpellier, France; Maya Allan - Lyon, France</i><br>HOSPITAL SURVEILLANCE FOR RESPIRATORY SYNCYTIAL VIRUS (RSV) IN THE MAIN METROPOLITAN AREA OF LYON, FRANCE, USING BIRTH DATABASES AND DATA ON HOSPITALISATION FOR CLINICAL BRONCHIOLITIS FROM 2012 TO 2017<br><i>Rolf Kramer - Lyon, France</i><br>TRENDS OF INCIDENCE OF HEALTHCARE-ASSOCIATED INFECTIONS IN PATIENTS ADMITTED TO INTENSIVE CARE UNITS OF A FRENCH UNIVERSITY HOSPITAL BETWEEN 2011 AND 2016<br><i>Cédric Dananché - Lyon, France</i><br>A PERSISTENT RISK OF UROGENITAL SCHISTOSOMIASIS TRANSMISSION LINKED TO THE CAVU RIVER IN SOUTHERN CORSICA SINCE 2013<br><i>Lauriane Ramalli - Marseille, France</i><br>INFLUENZA INFECTION AND PANDEMRIX® VACCINATION AND RISK OF RELAPSE AMONG MULTIPLE SCLEROSIS PATIENTS: A NATIONWIDE POPULATION-BASED REGISTRY STUDY IN NORWAY<br><i>Sara Ghaderi - Bergen, Norway</i><br>A REVIEW OF MANAGEMENT OF LATENT TUBERCULOSIS INFECTION (LTBI) IN A TB CONTACT TRACING SERVICE IN CORK, IRELAND<br><i>Niamh Bambury - Cork, Ireland</i><br>RISK OF HIV INFECTION IN A COHORT OF MEN WHO HAVE SEX WITH MEN ATTENDING CHECKPOINTLX IN LISBON, PORTUGAL<br><i>Paula Meireles - Porto, Portugal</i> | <b>RISK FACTORS, TREATMENT AND PREVENTION OF CHRONIC DISEASES</b><br><i>Chair: Gwenn Menvielle - Paris, France</i><br>METABOLIC MEDIATORS OF THE RELATIONSHIP BETWEEN ADIPOSITY AND CARDIAC STRUCTURE AND FUNCTION IN UK ADOLESCENTS<br><i>Alice R Carter - Bristol, United Kingdom</i><br>ASSOCIATION BETWEEN LIFESTYLE RISK FACTORS AND INCIDENT HYPERTENSION AMONG MIDDLE-AGED AND OLDER AUSTRALIANS<br><i>Binh Nguyen - Sydney, Australia</i><br>THE ASSOCIATION BETWEEN DIFFERENT MEASURES OF DEPRESSION AND SUBSEQUENT MAJOR CARDIOVASCULAR EVENTS<br><i>Regina Prigge - Edinburgh, United Kingdom</i><br>UNDERUSE OF ANTICOAGULATION IN OLDER PATIENTS WITH ATRIAL FIBRILLATION AT HIGH RISK OF THROMBOEMBOLIC EVENTS: ARE WE DOING BETTER SINCE THE MARKETING OF DIRECT ORAL ANTICOAGULANTS?<br><i>Séverine Henrard - Brussels, Belgium</i><br>CAN TREATMENTS FOR HYPERTENSION BE REPURPOSED FOR THE TREATMENT OF DEMENTIA?<br><i>Venexia Walker - Bristol, United Kingdom</i> | <b>OCCUPATIONAL EPIDEMIOLOGY</b><br><i>Chairs: Aissatou Fall - Abidjan, Ivory Coast; Barbara Charbotel - Lyon, France</i><br>BIG-DATA AND OCCUPATIONAL HEALTH SURVEILLANCE: SCREENING OF OCCUPATIONAL DETERMINANTS OF HEALTH AMONG FRENCH AGRICULTURAL WORKERS, THROUGH DATA MINING OF MEDICO-ADMINISTRATIVE DATABASES<br><i>Charlotte Maugard - La Tronche, France</i><br>CHANGES IN WORK CONDITIONS AND IMPACT ON WORKERS HEALTH; THE CASE OF A COLLECTIVE SYNDROME IN WORKERS OF A FRENCH ADMINISTRATION OFFICE IN MARCH 2017<br><i>Christine Castor - Bordeaux, France</i><br>POPULATION-BASED ASSESSMENT OF HEALTH, HEALTHCARE UTILISATION, AND SPECIFIC NEEDS OF SYRIAN MIGRANTS LIVING IN GERMANY: WHAT IS THE BEST SAMPLING METHOD?<br><i>Tobias Weinmann - Munich, Germany</i><br>RISK OF PARKINSON DISEASE IN AGRICULTURAL OCCUPATIONS IN FINLAND<br><i>Markku Sallmén - Helsinki, Finland</i><br>NATIONWIDE STUDY OF PARKINSON'S DISEASE INCIDENCE BETWEEN 2010 AND 2015 AMONG THE FRENCH AGRICULTURAL POPULATION<br><i>Frédéric Moisan - Saint-Maurice, France</i><br>OBESITY AND LABOUR MARKET PARTICIPATION: A PROSPECTIVE COHORT STUDY OF TRANSITIONS BETWEEN WORK, UNEMPLOYMENT AND SICKNESS ABSENCE<br><i>Maja Bramming - Odense, Denmark</i> | <b>METHODOLOGICAL CHALLENGES IN CLINICAL AND EPIDEMIOLOGICAL RESEARCH</b><br><i>Chair: Grégoire Rey - Kremlin-Bicêtre, France</i><br>ASSESSING THE ROLE OF A PATIENT TRANSFER NETWORK IN THE SPREAD OF CARBAPENEMASE-PRODUCING ENTEROBACTERIACEAE: THE CASE OF FRANCE BETWEEN 2012 AND 2015<br><i>Narimane Nekkab - Paris, France</i><br>COMPARISON OF MEDIATION METHODS FOR CAUSAL INFERENCE OF SOCIOECONOMIC STATUS, DIET, AND MORTALITY<br><i>Jessica Laine - London, United Kingdom</i><br>WHAT ARE THE DETERMINANTS ASSOCIATED WITH THE PATIENTS' WILLINGNESS TO PARTICIPATE INTO CLINICAL RESEARCH? RESULTS FROM A RANDOMISED VIGNETTE-BASED STUDY<br><i>Angèle Gayet-Ageron - Geneva, Switzerland</i><br>MULTI-OMIC SIGNATURE OF BIRTHWEIGHT: METABOLITES AND METHYLATION DRIVEN APPROACHES<br><i>Rossella Alfano - Diepenbeek, Belgium</i><br>STATISTICALLY SIGNIFICANT SURVIVAL BENEFITS IN RANDOMISED CLINICAL TRIALS IN ONCOLOGY: ARE THEY POTENTIALLY CLINICALLY RELEVANT?<br><i>Pauline Brindel - Geneva, Switzerland</i><br>COMORBIDITIES AND MORTALITY IN PERSONS WITH TYPE 1 DIABETES: THE VANTAGE POINT OF MULTIPLE TIME SCALES VIA BAYESIAN INTENSITY MODEL<br><i>Anna But - Helsinki, Finland</i> |
|                 |   | 5:15pm - 6:15pm<br><b>GENERAL MEETING ADELFF</b>   | 5:15pm - 6:45pm<br><b>IEA - EEF THE GENERAL ASSEMBLY</b>   |  |

# FRIDAY JULY 6

|                   | AUDITORIUM LUMIERE  | ROOM RHONE 1   | ROOM RHONE 2  | ROOM RHONE 3   |
|-------------------|---|--|---|--|
| 8:30 am - 9:00am  | OPENING   |  |   |  |
| 9:00am - 10:00am  | <b>PLENARY SESSION</b><br><i>Chair: Patricia Kearney - Cork, Ireland</i><br>TEACHING EPI - SHAPING THE FUTURE<br><i>Brigitte Strahwald and Ulla Schlipkoeter - Munich, Germany</i>                                      |  |   |  |
| 10:00am - 11:00am | POSTERS SESSION - EXHIBITION AREA   |  |   |  |
| 11:00am - 12:30pm |   | <b>NON-COMMUNICABLE DISEASES</b><br><i>Chair: Imane Jroundi - Rabat, Morocco</i><br><br>MONITORING THE HEALTH EFFECTS OF DISASTERS AND ENVIRONMENTAL HAZARDS: THE PRIMARY CARE DATABASE AS A TOOL TO INFORM PUBLIC DECISION MAKING<br><i>Michel Dückers - Utrecht, Netherlands</i><br><br>MORTALITY AND LONGEVITY AFTER TRAUMATIC SPINAL CORD INJURY IN SWITZERLAND FROM 1990 TO 2011: A 21-YEAR LONGITUDINAL STUDY<br><i>Jonviea Chamberlain - Nottwil, Switzerland</i><br><br>PREDICTION OF INTIMATE PARTNER VIOLENCE USING ADMINISTRATIVE DATA ON PREGNANCY<br><i>Takeo Fujiwara - Bunkyo, Japan</i><br><br>PATIENT AND INJURY CHARACTERISTICS ASSOCIATED WITH IN-HOSPITAL MORTALITY AMONG ADULT ACUTE BURNS PATIENTS. THE CASE OF A BURNS CENTER IN THE WESTERN CAPE, SOUTH AFRICA<br><i>Constance Boissin - Stockholm, Sweden</i><br><br>PERSISTENCE WITH BRAND VERSUS GENERIC ORAL BISPHOSPHONATES AMONG NEWLY TREATED OSTEOPOROSIS PATIENTS: A RETROSPECTIVE COHORT STUDY IN THE FRENCH CLAIMS DATABASE<br><i>Marie Viprey - Lyon, France</i> | <b>NUTRITION</b><br><i>Chairs: Carla Lopes - Porto, Portugal; Cécile Couchoud - Saint-Denis, France</i><br><br>DAIRY INTAKE DURING HIGH SCHOOL AND RISK OF COLORECTAL ADENOMAS IN WOMEN<br><i>Katharina Nimptsch - Berlin, Germany</i><br><br>VITAMIN D DEFICIENCY, OVERALL AND CAUSE-SPECIFIC MORTALITY: THE IMPACT OF AGE<br><i>Lin Yang - Vienna, Austria</i><br><br>MEDITERRANEAN DIETARY PATTERN AND SKIN CANCER RISK: A PROSPECTIVE COHORT STUDY IN FRENCH WOMEN<br><i>Yahya Abdelkerim Mahamat-Saleh - Villejuif, France</i><br><br>ANTIOXIDANT SUPPLEMENT USE AND RISK OF NON-MELANOMA SKIN CANCERS IN WOMEN: A PROSPECTIVE COHORT STUDY<br><i>Yahya Abdelkerim Mahamat-Saleh - Villejuif, France</i><br><br>EFFECT OF SELENIUM SUPPLEMENTATION ON CHANGES IN GLYCATED HAEMOGLOBIN (HBA1C): RESULTS FROM A MULTIPLE-DOSE, RANDOMISED CONTROLLED TRIAL<br><i>Saverio Stranges - London, Canada</i> | <b>LIFESTYLE AND MATERNAL AND CHILD HEALTH</b><br><i>Chair: Ivan Perry - Cork, Ireland</i><br><br>INVESTIGATING MATERNAL RISK FACTORS FOR STILLBIRTH IN A POPULATION-BASED COHORT IN THE SOUTH OF ENGLAND<br><i>Gemma Gardner - Southampton, United Kingdom</i><br><br>BODY MASS INDEX TRANSITIONS DURING CHILDHOOD: A MULTI-STATE MODEL APPROACH<br><i>Carla Moreira - Porto, Portugal</i><br><br>A LONGITUDINAL STUDY OF URBAN MOVEABILITY AND PHYSICAL ACTIVITY IN THE TRANSITION PHASE FROM CHILDHOOD TO ADOLESCENCE<br><i>Christoph Buck - Bremen, Germany</i><br><br>EFFECTS OF MATERNAL (PRE-)PREGNANCY LIFESTYLE INTERVENTIONS IN OBESE WOMEN ON CHILD NEUROBEHAVIORAL DEVELOPMENT: FOLLOW-UP OF TWO RCT STUDIES<br><i>Malou Menting - Amsterdam, Netherlands</i><br><br>ASSOCIATION OF PUBERTAL DEVELOPMENT WITH ADIPOSITY AND CARDIO-METABOLIC HEALTH IN GIRLS AND BOYS - FINDINGS FROM GENERATION XXI BIRTH COHORT STUDY<br><i>Ana Santos - Porto, Portugal</i> |
| 12:00pm - 1:00pm  | LUNCH - EXHIBITION  |  |   |  |
| 1:00pm - 2:00pm   | <b>PLENARY SESSION</b><br><i>Chair: Mitra Saadatian-Elahi - Lyon, France</i><br>THE EXPOSOME: THINKING DIFFERENTLY ABOUT EXPOSURE ASSESSMENT, CANCER CAUSES AND PREVENTION<br><i>Christopher P. Wild - Lyon, France</i> |  |   |  |
| 2:00pm - 2:30pm   | FAREWELL<br><i>Philippe Quénel - Rennes, France; Rachid Salmi - Bordeaux, France; Ivan Perry - Cork, Ireland; Linda Slack-Smith - Perth, Australia</i>  |  |   |  |

## WEDNESDAY, JULY 4

3:00PM - 4:00PM

### EPIDEMIOLOGY AND CANCER

CAN 1 - EPIDEMIOLOGICAL PATTERNS OF LEUKAEMIA IN 184 COUNTRIES: A POPULATION-BASED STUDY

*Adalberto Miranda-Filho - Porto, Portugal*

CAN 2 - USE OF DIETARY SUPPLEMENTS IN SOY ISOFLAVONES AND RISK OF BREAST CANCER AMONG WOMEN AGED OVER 50 YEARS: RESULTS FROM THE E3N PROSPECTIVE COHORT

*Agnès Fournier - Villejuif, France*

CAN 3 - GLOBAL AND REGIONAL FORECAST OF EPITHELIAL OVARIAN CANCER INCIDENCE OVER A TEN-YEAR PERIOD (2018-2028)

*Alexandre Vo Dupuy - London, United Kingdom*

CAN 4 - OVARIAN CANCER IN SELECT EU COUNTRIES: INCIDENCE, TREATABLE POPULATIONS, AND SALES BY KEY DRUG CLASS

*Alexandre Vo Dupuy - London, United Kingdom*

CAN 6 - EPIDEMIOLOGICAL PROFILE OF DIGESTIVE CANCERS AT ORAN EHU 2012-2017

*Amina Imene Damouche - Oran, Algeria*

CAN 7 - INITIAL MANAGEMENT OF PATIENTS WITH COLON CANCER ACCORDING TO THE PRESENTATION IN MULTIDISCIPLINARY TEAM MEETING AND SOCIO-ECONOMIC CONDITIONS IN THE GIRONDE AND THE TARN DEPARTMENTS IN 2010

*Anne-Sophie Foucan - Bordeaux, France*

CAN 8 - CASE-SERIES ANALYSIS OF HAEMATOLOGICAL MALIGNANCIES IN GOLD MINING AREAS IN SOUTH AFRICA

*Aurélié Danjou - Lyon, France*

CAN 9 - EPIDEMIOLOGICAL, CLINICAL AND PATHOLOGICAL CHARACTERISTICS OF GASTRIC NEOPLASMS. THE EXPERIENCE OF THE FIRST POPULATION-BASED SPECIALIZED GASTRIC CANCER REGISTRY IN ITALY

*Bianca Maria Donida - Soresina, Italy*

CAN 10 - DESCRIPTIVE EPIDEMIOLOGY AND DIETARY RISK FACTORS OF NASOPHARYNGEAL CARCINOMA IN WESTERN ALGERIA 2016-2017

*Boumansour Naouel Fz - Oran, Algeria*

CAN 11 - EPIDEMIOLOGICAL PROFILE OF CERVICAL CANCER IN ORAN ALGERIA 2014- 2015

*Boumansour Naouel Fz - Oran, Algeria*

CAN 12 - HOW LONG DOES IT TAKE UNTIL THE EFFECTS OF ENDOSCOPIC SCREENING ON COLORECTAL CANCER MORTALITY ARE FULLY DISCLOSED? A MARKOV MODEL STUDY

*Chen Chen - Heidelberg, Germany*

CAN 13 - THE BEST AGE FOR SCREENING COLONOSCOPY: A MARKOV MODEL STUDY

*Chen Chen - Heidelberg, Germany*

CAN 14 - DOES ADMINISTRATION OF BROAD SPECTRUM ANTIBIOTICS IN FEBRILE NEUTROPENIC CHILDREN TRIGGER THE EMERGENCE OF BMR? A FRENCH EXPERIENCE

*Coralie Raad - Lyon, France*

CAN 16 - SELENIUM STATUS AND SURVIVAL FROM COLORECTAL CANCER IN THE EUROPEAN PROSPECTIVE INVESTIGATION OF CANCER AND NUTRITION

*Mazda Jenab - Dublin, Ireland*

CAN 17 - ASSESSING THE VALIDITY OF SELF-REPORTED BREAST CANCER SCREENING COVERAGE THE IN BELGIAN HEALTH INTERVIEW SURVEY

*Finaba Berete - Brussels, Belgium*

CAN 18 - METABOLOMICS AND RISK OF KIDNEY CANCER

*Florence Guida - Lyon, France*

CAN 19 - SELECTIVE COX2 INHIBITORS, OTHER NSAIDS, AND INFLUENCE OF COX2 POLYMORPHISMS ON BREAST CANCER RISK: RESULTS FROM THE CECILE STUDY

*Florence Menegaux - Villejuif, France*

CAN 20 - IMPACT OF PHYSICAL ACTIVITY ON FATIGUE AND QUALITY OF LIFE DURING AND AFTER ADJUVANT TREATMENT FOR BREAST CANCER

*Florian Manneville - Vandœuvre-lès-Nancy, France*

CAN 21 - CIRCADIAN GENES AND PROSTATE CANCER RISK: RESULTS FROM THE EPICAP STUDY

*Gaëlle Wendeu-Foyet - Villejuif, France*

CAN 25 - PREDICTIVE FACTORS OF FAILURE OF BCG THERAPY IN HIGH-LEVEL SUPERFICIAL BLADDER TUMORS

*Rachid Razine - Rabat, Morocco*

CAN 26 - HIGH-GRADE SUPERFICIAL BLADDER TUMORS (PT1G3): PROGNOSTIC FACTORS OF RECIDIVE AND PROGRESSION

*Rachid Razine - Rabat, Morocco*

CAN 27 - DETERMINANTS OF PRECANCEROUS CERVICAL LESIONS: A CASE-CONTROL STUDY

*Ikrame YAZGHICH - Fez, Morocco*

CAN 28 - ORAL CONTRACEPTIVE USE AND CUTANEOUS MELANOMA RISK: A FRENCH PROSPECTIVE COHORT STUDY

*Iris Cervenka - Villejuif, France*

CAN 29 - PROPORTION OF CANCERS ATTRIBUTABLE TO MAJOR LIFESTYLE AND ENVIRONMENTAL RISK FACTORS IN THE EASTERN MEDITERRANEAN REGION

*Ivana Kulhanova - Lyon, France*

CAN 30 - GENOME-WIDE ASSOCIATION STUDY TO DISCOVER SUSCEPTIBLE LOCI FOR GASTRIC CANCER IN KOREAN POPULATION

*Jieun Jang - Seoul, South Korea*

CAN 31 - IMPLEMENTATION OF A PROGRAM BASED ON ADAPTED PHYSICAL ACTIVITY AND RECOMMENDATIONS FOR SECOND CANCERS PREVENTION FOR ADOLESCENTS AND YOUNG ADULTS WITH CANCER

*Béatrice Fervers - Lyon, France*

### EPIDEMIOLOGY AND CHRONIC DISEASES (mental health)

CHRO 1 - EPIDEMIOLOGICAL SPECIFICITIES OF ACUTE METABOLIC DECOMPENSATION IN DIABETES: CASE OF TERTIARY HEALTH-CARE CENTER IN TUNISIA

*Amel Amara - Sousse, Tunisia*

CHRO 3 - ASSOCIATION BETWEEN THE 1-HOUR PLASMA GLUCOSE DURING ORAL GLUCOSE TOLERANCE TESTING AND CLINICAL EVOLUTION IN CANADIAN AND FRENCH CYSTIC FIBROSIS ADULT PATIENTS: A GLYC-ONE DATABASE LONGITUDINAL STUDY

*Sandrine Touzet - Lyon, France*

CHRO 4 - SURGICALLY VERIFIED ENDOMETRIOSIS IS ASSOCIATED WITH LOWER SHORT- AND LONG-TERM RISK OF DEATH

*Anna But - Helsinki, Finland*

CHRO 6 - BREASTFEEDING AND CARDIOVASCULAR DISEASE HOSPITALISATION AND MORTALITY IN MOTHERS FROM A LARGE AUSTRALIAN COHORT STUDY

*Binh Nguyen - Sydney, Australia*

CHRO 7 - PREVALENCE AND ASSOCIATED FACTORS OF ISCHEMIC HEART DISEASE IN THAI PATIENTS WITH DIABETES MELLITUS: NATION-WIDE CROSS-SECTIONAL SURVEY

*Boonsub Sakboonyarat - Rachthewi, Thailand*

CHRO 8 - PREVALENCE AND ASSOCIATED FACTORS OF UNCONTROLLED HYPERTENSION AMONG THAI PATIENTS WITH HYPERTENSION: A NATION-WIDE, CROSS-SECTIONAL SURVEY

*Boonsub Sakboonyarat - Rachthewi, Thailand*

CHRO 9 - EXPLORING THE FACTORS, WHICH AFFECT QUALITY OF LIFE IN PATIENTS WITH TYPE 2 DIABETES MELLITUS

*Boryana Levterova - Plovdiv, Bulgaria*

CHRO 10 - PROPHYLACTIC HEPATITIS B IMMUNIZATION IN CHRONIC KIDNEY DISEASE PATIENTS, ORAN (ALGERIA)

*Boumansour Naouel Fz - Oran, Algeria*

CHRO 11 - FINANCIAL STRAIN MODIFIES THE ASSOCIATION BETWEEN INFLAMMATION AND CARDIOVASCULAR DISEASE RISK: THE ENGLISH LONGITUDINAL STUDY OF AGEING

*Camille Lassale - London, United Kingdom*

CHRO 12 - THE INFLUENCE OF MISTREATMENT DURING CHILDBIRTH ON POSTPARTUM DEPRESSION: FINDINGS FROM THE 2015 PELOTAS (BRAZIL) BIRTH COHORT STUDY

*Carolina Coll - Pelotas, Brazil*

CHRO 13 - HEMOCHROMATISIS HFE MUTATIONS: PENETRATION IN 451,000 ADULTS OF EUROPEAN DESCENT

*David Melzer - Exeter, United Kingdom*

CHRO 14 - PREVALENCE OF PERMANENT CHILDHOOD HEARING IMPAIRMENT IDENTIFIED BY UNIVERSAL NEWBORN HEARING SCREENING; A SYSTEMATIC REVIEW AND META-ANALYSIS

*Emma Butcher - London, United Kingdom*

CHRO 15 - ASSOCIATION BETWEEN SECONDHAND SMOKE AND DEPRESSION IN NEVER-SMOKERS AND ITS MODERATION BY SEX. RESULTS FROM A NATIONAL SAMPLE IN GERMANY

*Fabian Erdsiek - Bielefeld, Germany*

CHRO 16 - CONGESTIVE HEART FAILURE: CHANGE IN RISK FACTORS, COMORBIDITY AND AGE AT THE TIME OF FIRST HOSPITALISATION. FOLLOW-UP OF A POPULATION COHORT BETWEEN 2011 AND 2016 USING REAL LIFE DATA

*Felipe Aizpuru - Vitoria, Spain*

CHRO 18 - PREVALENCE AND CLINICAL CHARACTERISTICS OF DIABETES MELLITUS IN LEBANON: A NATIONAL SURVEY

*Ibrahim R. Bou Orm - Musselburgh, United Kingdom*

CHRO 19 - SUICIDE TRENDS IN PANAMA: RESULTS FROM THE NATIONAL MORTALITY REGISTRY

*Ilais Moreno - Panama City, Panama*

CHRO 20 - LONG-TERM ASTHMA-RELATED READMISSION IN CHILDREN PREVIOUSLY ADMITTED TO THE INTENSIVE CARE UNIT FOR ASTHMA

*Imane Jroundi - Skhirate plage, Morocco*

CHRO 21 - PATIENTS WITH BALKAN ENDEMIC NEPHROPATHY FROM MEHEDINȚI COUNTY, ROMANIA: AN EPIDEMIOLOGICAL APPROACH

*Irina Brumboiu - Cluj-Napoca, Romania*

CHRO 22 - EXCESS MORTALITY IN DIABETIC SUBJECTS DUE TO ALCOHOL, ACCIDENTS AND SUICIDE: A NATIONWIDE COHORT STUDY

*Jari Haukka - Helsingin Yliopisto, Finland*

CHRO 23 - ASSOCIATIONS OF POSTMENOPAUSAL HORMONE REPLACEMENT THERAPY ON METABOLIC SYNDROME COMPONENTS AMONG DIABETIC AND NON-DIABETIC WOMEN

*Ji-Eun Kim - Seoul, South Korea*

CHRO 24 - TREND IN INCIDENCE OF INFLAMMATORY BOWEL DISEASES IN KOREA USING NATIONAL HEALTH INSURANCE DATABASE, 2004-2015

*Joongi Lee - Seoul, South Korea*

CHRO 25 - PREDICTORS OF READMISSION AT 60 DAYS AFTER AN ADMISSION BY A COPD EXACERBATED

*Jose M Quintana - Galdakao, Spain*

CHRO 28 - LOW FASTING VALUES OF SERUM INSULIN IN A COHORT OF NON-DIABETIC WOMEN FOLLOWED OVER 34 YEARS: EVIDENCE FOR AN ALTERNATIVE PATHWAY TO DEMENTIA

*Kirsten Mehlig - Gothenburg, Sweden*

CHRO 29 - TYPE 2 DIABETES MELLITUS AND RISK OF DEMENTIA: A POPULATION-BASED 14-YEAR FOLLOW-UP STUDY IN GERMANY

*Kun Xie - Heidelberg, Germany*

CHRO 30 - PREVALENCE AND CHARACTERISTICS OF METABOLIC PHENOTYPES: THE RHINELAND STUDY (GERMANY)

*Lidia Ximena Orozco Ruiz - Bonn, Germany*

CHRO 31 - PREVALENCE OF HIGH BLOOD PRESSURE DIFFERS ACROSS REGIONS IN FRANCE: ESTIMATIONS FROM A CROSS-SECTIONAL ANALYSIS OF THE CONSTANCES COHORT

*Lola Neufcourt - Rennes, France*

## EPIDEMIOLOGY AND ENVIRONMENT (climate change, disasters, environmental health, injury)

ENV 1 - THE EFFECTS OF AIRCRAFT NOISE EXPOSURE ON OBJECTIVE SLEEP QUALITY: THE RESULTS OF THE DEBATS STUDY IN FRANCE

*Ali Mohamed Nassur - Lyon, France*

ENV 2 - TRAUMA BRAIN INJURY FOLLOWING A ROAD TRAFFIC ACCIDENT: DATA FROM THE RHÔNE REGISTER

*Amina Ndiaye - Bron, France*

ENV 3 - EARLY ASSESSMENT OF PUBLIC HEALTH IMPACTS OF MAJOR FLOODS IN FRANCE IN JUNE 2016 AND WINTER 2018

*Anne Fouillet - Saint-Maurice, France*

ENV 5 - THE RHÔNE-ALPES OBSERVATORY OF TRAUMA (FRANCE): FREQUENCY, NATURE AND SEVERITY OF THE DIFFERENT TYPES OF ACCIDENTS

*Blandine Gadegbeku - Bron, France*

ENV 6 - QUANTITATIVE HEALTH IMPACT ASSESSMENT OF OUTDOOR AIR POLLUTION IN THE ARVE VALLEY, FRANCE

*Christine Saura - Lyon, France*

ENV 7 - INVESTIGATION OF TIME CLUSTERING OF CONGENITAL HYPOTHYROIDISM IN SOUTH-EASTERN FRANCE: IS 1986 AN ABNORMAL YEAR?

*Christophe Bonaldi - Saint Maurice, France*

ENV 8 - FROSTBITE IN THE NORWEGIAN ARMED FORCES. INCIDENCE OF FROSTBITE AMONG CONSCRIPTS SERVING IN NORTHERN NORWAY, AND SELF-REPORTED LONG-TERM SEQUELA FOLLOWING FROSTBITE INJURY AMONG NORWEGIAN ARMED FORCES PERSONNEL

*Einar Kristian Borud - Fetsund, Norway*

ENV 9 - A GIS-BASED METHOD TO DEFINE GEOGRAPHICAL DETERMINANTS OF ENVIRONMENTAL EXPOSURE TO AGRICULTURAL PESTICIDES IN FRANCE

*Elodie Faure - Lyon, France*

ENV 10 - HYPOSPADIAS AND ENVIRONMENT: A REGISTRY-BASED CASE-CONTROL STUDY

*Emmanuelle Amar - Lyon, France*

ENV 11 - ESTIMATION OF THE NUMBER OF SERIOUSLY INJURED ROAD USERS IN FRANCE, 2006-2015

*Emmanuelle Amoros - Bron, France*

ENV 12 - MODELLING AND PREDICTING DROWNING RISK ALONG THE GIRONDE'S OCEANIC COAST: RETROSPECTIVE, PROSPECTIVE OBSERVATIONAL AND PILOT EXPERIMENTAL STUDIES

*Eric Tellier - Bordeaux, France*

ENV 13 - DESCRIPTIVE EPIDEMIOLOGICAL ANALYSIS OF MASS PSYCHOGENIC ILLNESS MANAGED BY SANTÉ PUBLIQUE FRANCE 2010 - 2014 - IDENTIFICATION OF KEY FACTORS FOR EVALUATION

*Florence Kermarec - Paris, France*

ENV 14 - ABILITY TO SWIM AMONG 15-75 YEARS IN MAINLAND FRANCE AND OVERSEAS DEPARTEMENTS: RESULTS OF THE NATIONAL SURVEY "BAROMÈTRE SANTÉ

*Gaëlle Pédrone - Saint-Maurice, France*

ENV 15 - FRENCH HOME AND LEISURE INJURY PERMANENT SURVEY: WHAT CONTRIBUTION TO EPIDEMIOLOGICAL SURVEILLANCE?

*Gaëlle Pédrone - Saint-Maurice, France*

ENV 16 - EPIDEMIOLOGICAL SURVEILLANCE OF FALLS IN THE ELDERLY IN FRANCE

*Gaëlle Pédrone - Saint-Maurice, France*

ENV 17 - SPORTS-RELATED TRAUMATIC DEATHS IN MAINLAND FRANCE IN 2016

*Gaëlle Pédrone - Saint-Maurice, France*

ENV 18 - WHAT ARE THE LEADING CAUSES OF HOSPITALIZED TRAUMATIC BRAIN INJURIES ACCORDING TO AGE? RESULTS OF THE FRENCH HOME AND LEISURE INJURIES STUDY IN 2016

*Gaëlle Pédrone - Saint-Maurice, France*

ENV 19 - EFFECT OF CLIMATE CHANGE ON VECTOR BORNE DISEASES: EMERGING AND INCREASING INCIDENCE OF ZOONOTIC CUTANEOUS LEISHMANIASIS IN CENTRAL TUNISIA

*Hedia Bellali - Ariana, Tunisia*

ENV 20 - THE FRACTION OF LUNG CANCER INCIDENCE ATTRIBUTABLE TO FINE PARTICULATE AIR POLLUTION IN FRANCE: IMPACT OF SPATIAL RESOLUTION OF AIR POLLUTION MODELS AND OF INFORMATION ON POPULATION DENSITY

*Claire Marant-Micallef - Lyon, France*

ENV 23 - DISTINCTIVE CHRONIC HEALTH RISKS IN THE CONTEXT OF DISASTER EXPOSURE: FINDINGS FROM A NATIONALLY REPRESENTATIVE POPULATION SURVEY

*Lennart Reifels - Carlton, Australia*

ENV 24 - HOME AND LEISURE INJURIES IN MAINLAND FRANCE BASED ON THE HEALTH CARE AND INSURANCE SURVEY, 2012

*Louis-Marie Paget - Saint-Maurice, France*

ENV 25 - CAUSES OF BURNS BASED ON HOSPITAL REPORTS IN MAINLAND FRANCE IN 2014

*Louis-Marie Paget - Saint-Maurice, France*

ENV 26 - EPIDEMIOLOGY OF TRAUMATIC BRAIN INJURIES BASED ON HOSPITAL REPORTS IN MAINLAND FRANCE

*Louis-Marie Paget - Saint-Maurice, France*

ENV 31 - INCIDENCE AND RISK FACTORS OF PRESSURE ULCERS IN A TUNISIAN UNIVERSITY HOSPITAL

*Mohamed Ben Rejeb - Sousse, Tunisia*

ENV 33 - SEASONAL VARIATIONS OF EXPOSURE TO AGRICULTURAL PESTICIDES IN RESIDENTS PROXIMATE TO VINEYARDS: SIGEXPOSOME STUDY

*Beatrice Fervers - Lyon, France*

ENV 34 - THE IMPACT OF DIFFERENT E-CIGARETTE TYPES ON INDOOR FINE AND ULTRAFINE PARTICULATE MATTER CONCENTRATIONS AT CLOSE DISTANCES

*Paul J. Villeneuve - Montreal, Canada*

ENV 35 - EARLY HEAT WAVE AND HEAT STROKE DURING DISTANCE RUNNING, APRIL 2017, FRANCE

*Sandrine Coquet - Bordeaux, France*

ENV 36 - LINKING TEMPERATURE AND HUMIDITY TO INFLUENZA-LIKE ILLNESS: A LONG-TERM TIME-SERIES STUDY IN THE NETHERLANDS, 1970-2016

*John Paget - Utrecht, Netherlands*

ENV 38 - DETERMINANTS AFFECTING PRENATAL EXPOSURE TO MERCURY IN THE REPUBLIC OF KARELIA, RUSSIA

*Tatiana Boyarskaya - Moscow, Russia*

## EPIDEMIOLOGY AND PUBLIC HEALTH AND SOCIAL DISPARITIES

PUB 1 - NATIONAL POINT PREVALENCE SURVEY OF HUMAN PAPILLOMAVIRUS INFECTIONS IN TUNISIA 2012 - 2014: GENOTYPES AND RISK FACTORS

*Amal Cherif - Nabeul, Tunisia*

PUB 2 - SOCIOECONOMIC INEQUALITIES IN HEALTH DURING EARLY CHILDHOOD: EVIDENCE FROM A BIRTH COHORT

*Ana Isabel Ribeiro - Porto, Portugal*

PUB 3 - CONTRIBUTIONS OF FEMALE AND MALE AUTHORS TO MEDICAL RESEARCH: A CROSS-SECTIONAL STUDY

*Angèle Gayet-Ageron - Geneva, Switzerland*

PUB 5 - AVAILABILITY OF NONBEVERAGE ALCOHOLS IN 50 RUSSIAN CITIES IN 2015-2017

*Artyom Gil - Moscow, Russia*

PUB 6 - FACTORS ASSOCIATED TO REPEATED INFLUENZA VACCINATION IN THE PORTUGUESE ADULTS WITH CHRONIC CONDITIONS

*Ausenda Machado - Lisbon, Portugal*

PUB 7 - TRENDS IN INFLUENZA VACCINE COVERAGE IN THE PORTUGUESE POPULATION: ARE THERE CONTRIBUTING FACTORS?

*Ausenda Machado - Lisbon, Portugal*

PUB 10 - SCREENING OF VIRAL HEPATITIS AND HIV AMONG MIGRANTS FROM SOUTHEAST ASIA

*Sophie You - Lyon, France*

PUB 11 - THE ROLE OF SUBJECTIVE SOCIAL STATUS IN SOCIOECONOMIC INEQUALITIES IN MORTALITY: EVIDENCE FROM THE ENGLISH LONGITUDINAL STUDY OF AGEING (ELSA)

*Dorina Cadar - London, United Kingdom*

PUB 12 - INFLUENZA VACCINATION COVERAGE AND ITS INFLUENCING FACTORS AMONG OLDER PEOPLE IN SHANGHAI, CHINA: A CROSS-SECTIONAL STUDY

*Chuchu Ye - Shanghai, China*

PUB 13 - TOBACCO USE DURING PREGNANCY AMONG NATIVE AND MIGRANT WOMEN IN PORTUGAL- RESULTS FROM THE BAMBINO STUDY

*Cristina Teixeira - Porto, Portugal*

PUB 14 - ASSOCIATED FACTORS WITH THE WATERPIPE SMOKING AND USE OF OTHER TOBACCO PRODUCTS AMONG STUDENTS, BRAZIL, 2015

*Deborah Malta - Belo Horizonte, Brazil*

PUB 15 - PREVENTABLE DEATHS BY ACTIONS OF THE PUBLIC HEALTH SYSTEM IN BRAZILIAN POPULATION (2000-2013)

*Deborah Malta - Belo Horizonte, Brazil*

PUB 16 - DO PATIENTS' SEP INFLUENCE THERAPEUTIC STRATEGY IN ACUTE MYELOID LEUKAEMIA: RESULTS FROM A FRENCH LONGITUDINAL OBSERVATIONAL STUDY

*Eloise Berger - Toulouse, France*

**PUB 18 - SOCIOECONOMIC INEQUALITIES IN BREAST AND THYROID CANCER SCREENING IN KOREA: A NATIONWIDE CROSS-SECTIONAL STUDY**

*Eunji Choi - Goyang-si, South Korea*

**PUB 20 - EVALUATION OF POTENTIAL IMPACT OF BENZODIAZEPINE CONSUMPTION REDUCTION ON FUTURE OF DEMENTIA BURDEN**

*Florian Guillet - Bordeaux, France*

**PUB 21 - OUTBREAK OF LEPTOSPIROSIS DURING A CANYONING WEEKEND, FRANCE, 2017**

*Garance Terpant - Lyon, France*

**PUB 22 - DECOMPOSING INCOME INEQUALITIES IN BREAST AND CERVICAL CANCER SCREENING NON-ADHERENCE IN FRANCE: THE CONSTANCES COHORT SURVEY**

*Gwenn Menvielle - Paris, France*

**PUB 24 - DOUBLE TROUBLE: THE EFFECT OF OBESITY AND ALCOHOL CONSUMPTION ON SERUM GGT IN IRISH MIDDLE AGED ADULTS**

*Helena Ferris - Cork, Ireland*

**PUB 25 - STREPTOCOCCUS PNEUMONIAE CARRIAGE AMONG HEALTHY AND SICK PAEDIATRIC PATIENTS BEFORE THE GENERALIZED IMPLEMENTATION OF THE 13 - VALENT PNEUMOCOCCAL VACCINE IN MOROCCO, 2010-2011**

*Imane Jroundi - Skhirate plage, Morocco*

**PUB 26 - WHY TOOK IT SO LONG? THE REASONS BEHIND TUBERCULOSIS TREATMENT DELAY**

*Ana Isabel Ribeiro - Vila Nova de Gaia, Portugal*

**PUB 27 - IMPACT OF 13-VALENT PNEUMOCOCCAL CONJUGATE VACCINATION INTRODUCTION IN CHILDREN ON PNEUMONIA HOSPITALIZATIONS AMONG ADULTS AGED 65 OR MORE IN PORTUGAL**

*Irina Kislaya - Lisboa, Portugal*

**PUB 28 - THE SOCIAL PATTERNING OF MEASUREMENT ERRORS IN SELF-REPORTS: IMPACT ON SOCIOECONOMIC INEQUALITIES ESTIMATES**

*Irina Kislaya - Lisboa, Portugal*

**PUB 29 - ASSOCIATION BETWEEN EXPOSURE TO HEAVY METALS AND CHRONIC KIDNEY DISEASE OF UNKNOWN ETIOLOGY IN MEXICO**

*Isabel Alvarez-Solorza - Toluca de Lerdo, Mexico*

**PUB 30 - ASSOCIATIONS BETWEEN SOCIALLY DISADVANTAGED GROUPS AND METABOLIC SYNDROME IN EUROPEAN CHILDREN. RESULTS FROM THE IDEFICS STUDY**

*Isabel Iguacel - Zaragoza, Spain*

**PUB 31 - HOW TO EXPLAIN GENDER SPECIFIC DIFFERENCES IN THE MOTIVATION TO RETIRE EARLY IN OLDER EMPLOYEES IN GERMANY? - RESULTS FROM THE LIDA-COHORT STUDY**

*Jean-Baptist Prel - Wuppertal, Germany*

**PUB 32 - REPEAT ABORTION AND DETERMINANTS OF CHINESE WOMEN: A SYSTEMATIC REVIEW AND META-ANALYSIS**

*Wei-Hong Zhang - Xi'an, China*

**PUB 33 - INCIDENCE, RECURRENCE AND PREVALENCE OF STROKE IN AN AGEING POPULATION**

*Karin Modig - Stockholm, Sweden*

**PUB 34 - INEQUALITY, FAMILIAL AGGREGATION, AND RISK PREDICTION OF CARIES IN SIBLINGS—A NATIONWIDE STUDY OF DANISH ADOLESCENTS**

*Kaushik Sengupta - Farum, Denmark*

**PUB 35 - ALCOHOL CONSUMPTION, EDUCATIONAL LEVEL AND LABOUR MARKET PARTICIPATION: A PROSPECTIVE COHORT STUDY OF TRANSITIONS BETWEEN WORK AND UNEMPLOYMENT**

*Kia Egan - Copenhagen, Denmark*

**PUB 36 - INCOMPLETE IMMUNIZATION COVERAGE AMONG CHILDREN AGED 12 - 23 MONTHS AND ASSOCIATED FACTORS IN TOGO IN 2017**

*Koumavi Ekouevi - Lomé, Togo*

## **EPIDEMIOLOGY AND HUMAN AND SOCIAL SCIENCES**

**SHS 1 - PRODUCTIVE ACTIVITIES, MENTAL FUNCTIONING AND WELL-BEING IN DISABILITY: EXPLORING THE ROLE ENHANCEMENT AND THE ROLE STRAIN HYPOTHESES**

*Christine Fekete - Nottwil, Switzerland*

**SHS 2 - ENVIRONMENTAL DETERMINANTS OF PARTICIPATION RESTRICTION AFTER STROKE: A SYSTEMATIC REVIEW OF OBSERVATIONAL AND QUALITATIVE STUDIES**

*Claire Della Vecchia - Lyon, France*

**SHS 3 - THE NORWEGIAN ARMED FORCES HEALTH REGISTRY AND USE OF MILITARY SCREENING DATA TO EVALUATE CHANGES IN IQ-SCORES OVER TIME**

*Elin Fadum - Oslo, Norway*

**SHS 4 - BEING ALONE TOGETHER: A LONGITUDINAL DYADIC ANALYSIS ON THE IMPACT OF LONELINESS AND RELATIONSHIP QUALITY ON WELLBEING IN COUPLES COPING WITH DISABILITY**

*Hannah Tough - Nottwil, Switzerland*

**SHS 5 - PROLONGATION OF WORKING LIFE AND PHYSICAL FUNCTIONING IN OLD AGE IN SWEDEN**

*Harpa Eyjólfsdóttir - Stockholm, Sweden*

**SHS 7 - SMOKING AND SCHOOL ABSENTEEISM AMONG 15-16 YEARS-OLD ADOLESCENTS: A CROSS-SECTION ANALYSIS ON 36 COUNTRIES**

*Julian Perelman - Lisboa, Portugal*

**SHS 8 - TRENDS IN URBAN/RURAL INEQUALITIES IN CARDIOVASCULAR RISK BIO-MARKERS AMONG CHINESE ADOLESCENTS IN TWO DECADES: 1991-2011**

*Nan Zhang - Manchester, United Kingdom*

**SHS 9 - SOCIOECONOMIC INEQUALITIES IN CARDIOVASCULAR RISKS AMONG MID-AGED AND OLDER CHINESE: A NATIONALLY REPRESENTATIVE LONGITUDINAL STUDY**

*Nan Zhang - Manchester, United Kingdom*

## **EPIDEMIOLOGY, BIOSTATISTICS, MODELLING AND BIG/OPEN DATA AND E-HEALTH**

**STAT 1 - MONITORING VACCINATION COVERAGE BY ELECTRONIC IMMUNIZATION REGISTRY IN MEDIUM-SIZED CITY, BRAZIL**

*Ana Paula Sayuri Sato - Sao Paulo, Brazil*

**STAT 2 - POTENTIAL SELECTION EFFECTS WHEN ESTIMATING ASSOCIATIONS BETWEEN THE INFANCY PEAK OR ADIPOSITY REBOUND AND LATER BODY MASS INDEX IN CHILDREN**

*Claudia Böhnhorst - Bremen, Germany*

**STAT 3 - POPULATION ESTIMATION IN CAMP OF DISPLACED PERSON, THOUGH COUNTING OF DWELLING BY SATELLITE EARTH OBSERVATION. NGALA, BORNO STATE, REPUBLIC OF NIGERIA**

*Dang Bahya-Batinda - Montpellier, France*

**STAT 4 - CONGESTIVE HEART FAILURE: EPIDEMIOLOGY AND BURDEN FOR THE HEALTH SYSTEM LOOKING AT REAL LIFE DATA. FOLLOW-UP OF A POPULATION COHORT BETWEEN 2011 AND 2016**

*Felipe Aizpuru - Vitoria, Spain*

**STAT 6 - ESTIMATING UNDEROBSERVATION AND THE FULL SIZE OF THE 2016 ZIKA EPIDEMIC IN RIO DE JANEIRO**

*Flavio Coelho - Rio de Janeiro, Brazil*

**STAT 7 - CHANGE OF INFLUENZA PANDEMICS BECAUSE OF CLIMATE CHANGE: COMPLEX NETWORK SIMULATIONS**

*Frank Brenner - Potsdam, Germany*

**STAT 8 - EVALUATION OF THE IMPACT OF TERMINATING THE REIMBURSEMENT OF A THERAPEUTIC CLASS OF DRUGS ON THE FRENCH HEALTH SYSTEM: THE EXAMPLE OF SYMPTOMATIC SLOW ACTING DRUGS FOR OSTEOARTHRITIS (SYSADOAS)**

*Karine Mari - Lyon, France*

STAT 11 - STUDY OF THE IMPACT OF CLIMATE CHANGE ON THE SPATIAL DISTRIBUTION OF DENGUE CASES IN RIO DE JANEIRO

*Leon Alves - Rio de Janeiro, Brazil*

STAT 12 - TIME TREND IN THE PREVALENCE AND CORRELATES OF REFRACTIVE ERROR AMONG MILITARY CONSCRIPTS BETWEEN 1990 AND 2013 IN AUSTRIA, A DESCRIPTIVE STUDY

*Lin Yang - Vienna, Austria*

STAT 13 - I-LAB: CONNECTING CLINICAL LABORATORIES TO INFECTIOUS DISEASES SURVEILLANCE SYSTEMS

*Nicolas Steenkeste - Lyon, France*

## THURSDAY, JULY 5

2:45PM - 3:45PM

### EPIDEMIOLOGY AND CANCER

CAN 33 - SOCIOECONOMIC STATUS AND BREAST CANCER IN LITHUANIA

*Laura Steponaviciene - Vilnius, Lithuania*

CAN 34 - BARRIERS AND FACILITATORS RELATED TO ADHERENCE IN CERVICAL CANCER SCREENING AMONG WOMEN LIVING IN THE FRENCH ISLAND OF REUNION: A CROSS-SECTIONAL STUDY

*Léa Bruneau - Saint-Denis, France*

CAN 35 - OCCUPATIONAL EXPOSURE TO ORGANIC SOLVENTS AND RISK OF BREAST CANCER: RESULTS OF THE CECILE STUDY, A POPULATION-BASED CASE-CONTROL STUDY IN FRANCE

*Loredana Radoi - Villejuif, France*

CAN 36 - CANCER IN CHILDREN AND ADOLESCENTS WITH AIDS IN THE CITY OF SÃO PAULO: A POPULATION-BASED LINKAGE STUDY

*Luana Fiengo Tanaka - Munich, Germany*

CAN 37 - IS THERE LINK BETWEEN OCCUPATIONAL PHYSICAL ACTIVITY LEVELS AND LUNG CANCER? A CASE-CONTROL STUDY IN CANADIAN MEN

*Lyndsay Caton - Ottawa, Canada*

CAN 38 - UNTARGETED SERUM METABOLOMICS OF HEPATOCELLULAR CARCINOMA IN A PROSPECTIVE COHORT OF EUROPEAN POPULATIONS

*Magdalena Stepień - Lyon, France*

CAN 39 - THE RISK OF CANCER ATTRIBUTABLE TO DIAGNOSTIC MEDICAL RADIATION: ESTIMATION FOR FRANCE IN 2015

*Claire Marant Micallef - Lyon, France*

CAN 40 - PREVALENCE OF HIGH-RISK VIRAL GENOTYPES ACCORDING TO VACCINATION COVERAGE BY THE QUADRI-VALENT AND NEW NINE-VALENT HPV VACCINES, AND THEIR ASSOCIATION AND IMPACT ON THE RISK OF HIGH-GRADE LESIONS

*Maria Paz-Zulueta - Santander, Spain*

CAN 41 - ASSOCIATION OF HUMAN PAPILLOMAVIRUS GENOTYPE 16 VIRAL VARIANT AND VIRAL LOAD WITH CERVICAL HIGH-GRADE INTRAEPITHELIAL LESIONS

*Maria Paz-Zulueta - Santander, Spain*

CAN 42 - PRESENCE OF CANCER PAIN, INADEQUATE PAIN CONTROL, AND PSYCHOTROPIC DRUG USE: A CROSS-SECTIONAL STUDY

*Maria Paz-Zulueta - Santander, Spain*

CAN 43 - ANTHROPOMETRY AND RISK OF BREAST CANCER AMONG PREMENOPAUSAL WOMEN IN LATIN AMERICA: RESULTS FROM THE PRECAMA STUDY

*Mathilde His - Lyon, France*

CAN 44 - THE IMPACT OF LIFETIME OVERWEIGHT AND OBESITY ON CANCER INCIDENCE - A POPULATION-BASED STUDY IN ICELANDIC WOMEN

*Melina Arnold - Lyon, France*

CAN 45 - EPIDEMIOLOGICAL STUDY ON CANCER PATENTS IN BULGARIA AND IN THE PLOVDIV REGION AND THE APPLICATION OF BISPHOSPHONATES ON PATIENTS WITH MALIGNANCIES IN THE PLOVDIV REGION

*Meri Hristamyan - Plovdiv, Bulgaria*

CAN 46 - ASSOCIATION BETWEEN FIVE LIFESTYLE HABITS AND BREAST CANCER RISK: RESULTS FROM A CASE-CONTROL STUDY IN MOROCCO

*Mohamed Khalis - Fez, Morocco*

CAN 47 - OCCUPATION AND FEMALE BREAST CANCER: A CASE-CONTROL STUDY IN MOROCCO

*Mohamed Khalis - Fez, Morocco*

CAN 49 - SAFETY OF ANTI PD1 IN THE TREATMENT OF MELANOMA: A SURVEY IN 90 PATIENTS TREATED IN A FRENCH UNIVERSITY HOSPITAL

*Nagham Khanafer - Lyon, France*

CAN 52 - DIAGNOSIS AND SURVIVAL OF PANCREATIC CANCER IN RELATION TO DEPRESSION AND DIABETES HISTORY: A POPULATION BASED STUDY IN FINLAND

*Peng Li - Rostock, Germany*

CAN 53 - CANCERS AROUND THE ROUSSILLON CHEMICAL PLATFORM

*Philippe Pepin - Lyon, France*

CAN 54 - CHANGES IN THE WORKING STATUS AFTER CANCER. A POPULATION-BASED COHORT STUDY USING A LIFE COURSE PERSPECTIVE APPROACH

*Regine Kiasuwa Mbengi - Brussels, Belgium*

CAN 55 - SEX-STEROIDS AND RISK OF DIFFERENTIATED THYROID CARCINOMA: RESULTS FROM THE EPIC STUDY

*Sabina Rinaldi - Lyon, France*

CAN 56 - RISK OF PANCREATIC CANCER AND NON-HODGKIN LYMPHOMA ASSOCIATED WITH HEALTHY LIFESTYLE BEHAVIORS IN THE EPIC STUDY

*Sabine Naudin - Lyon, France*

CAN 57 - PRESCRIBED MEDICATIONS IN SURVIVORS OF ADULT-ONSET CANCER IN NORWAY: A REGISTER-BASED STUDY

*Sara Ghaderi - Bergen, Norway*

CAN 58 - MORTALITY FROM CANCER AND OTHER CAUSES IN GERMAN AIRLINE CREW: RESULTS FROM A THIRD FOLLOW-UP STUDY USING DOSE REGISTRY DATA, 1960-2014

*Steffen Dreger - Bremen, Germany*

CAN 59 - TYPES OF TOBACCO AND ALCOHOLIC BEVERAGES USE AND HEAD AND NECK CANCER: A CASE-CONTROL STUDY, IN STATE OF SÃO PAULO, BRAZIL, 1999-2015:

*Suely Aparecida Kfoury - São Paulo, Brazil*

CAN 60 - PROGNOSIS OF DIFFUSE LARGE B CELL LYMPHOMA RELATED TO OCCUPATIONAL EXPOSURE TO PESTICIDES: A COHORT STUDY

*Sylvain Lamure - Montpellier, France*

CAN 61 - VITAMIN D AND COLORECTAL CANCER RISK: A GENE PATHWAY APPROACH

*Mazda Jenab - Atlanta, United States*

CAN 62 - SERUM 25-HYDROXYVITAMIN D LEVELS AND RISK OF LUNG CANCER AND HISTOLOGIC TYPES: A MENDELIAN RANDOMIZATION ANALYSIS OF THE HUNT STUDY

*Yi-Qian Sun - Trondheim, Norway*

## **EPIDEMIOLOGY AND SURVEILLANCE, EMERGING INFECTIOUS DISEASES, NOSOCOMIAL INFECTIONS, TRANSMISSIBLE, ONE-HEALTH, VECTOR- BORN DISEASES AND TROPICAL DISEASES, GLOBAL HEALTH**

INF 1 - THE INFLUENCE OF CONSANGUINITY ON REPRODUCTIVE HEALTH IN A POPULATION OF WESTERN ALGERIA (SABRA)

*Abdelatif Moussouni - Tlemcen, Algeria*

INF 2 - PREVALENCE AND RISK FACTORS OF HEALTHCARE ASSOCIATED INFECTIONS IN AN ALGERIAN TEACHING HOSPITAL

*Abdessamad Dali Ali - Oran, Algeria*

INF 3 - VENTILATOR ASSOCIATED PNEUMONIA IN THE INTENSIVE CARE UNIT OF AN ALGERIAN TEACHING HOSPITAL

*Abdessamad Dali Ali - Oran, Algeria*

INF 4 - ASSESSMENT OF EXPOSURE AND SEROSTATUS OF CONTACTS PERSONS TO EBOLA VIRUS DISEASE CASES IN GUINEA (CONTACTEBOGUI STUDY)

*Jean-François Etard - Montpellier, France*

INF 5 - ASSESSMENT OF THE NATIONAL RESPONSE TO ACUTE VIRAL HEPATITIS A IN TUNISIA, 2016-2017

*Amal Cherif - Nabeul, Tunisia*

INF 7 - SEX AND AREA DIFFERENCES IN THE ASSOCIATION BETWEEN ADIPOSITY AND LIPID PROFILE IN SUB-SAHARAN AFRICA: A COMPARISON WITH A EUROPEAN POPULATION

*Ana Luiza Goncalves Soares - Bristol, United Kingdom*

INF 8 - COMMUNICABLE DISEASES: THE CASE OF SEXUALLY TRANSMITTED INFECTIONS A RETROSPECTIVE 3-YEAR STUDY

*Ana Pinto De Oliveira - José Cárcamo Lobo, Portugal*

INF 9 - PREVALENCE OF PATHOGENIC AND NON-PATHOGENIC INTESTINAL PARASITES IN PREGNANT WOMEN LIVING IN POVERTY AND SOCIAL INEQUALITY

*Angela Fernanda Espinosa Aranzales - Bogotá, Colombia*

INF 10 - INFLUENZA B IN THE GENERAL POPULATION. RETROSPECTIVE ANALYSIS OF FRENCH SURVEILLANCE DATA FROM 2003 TO 2017

*Anne Mosnier - Paris, France*

INF 12 - TRAJECTORIES OF SEASONAL INFLUENZA VACCINATION UPTAKE IN FRENCH PEOPLE WITH DIABETES FROM 2006 TO 2015

*Aurélien Bocquier - Marseille, France*

INF 14 - DEMAND FOR FAMILY PLANNING SATISFIED AMONG ADOLESCENTS BY MARITAL STATUS AND PARITY: AN ANALYSIS OF 73 LOW AND MIDDLE-INCOME COUNTRIES

*Carolina Coll - Pelotas, Brazil*

INF 15 - THE GLOBAL INFLUENZA HOSPITAL SURVEILLANCE NETWORK (GIHSN), A WORLDWIDE PLATFORM FOR TIMELY GENERATION OF SEVERE INFLUENZA EPIDEMIOLOGICAL DATA

*Clothilde El Guerche-Séblain - Lyon, France*

INF 16 - OUTCOMES OF ACUTE KIDNEY INJURY DEPEND ON INITIAL CLINICAL FEATURES: A NATIONAL FRENCH COHORT STUDY

*Cécile Couchoud - Saint-Denis la Plaine, France*

INF 17 - INCIDENCE OF HOSPITAL-ACQUIRED INFECTIONS FOLLOWING KIDNEY, PANCREAS OR KIDNEY-PANCREAS TRANSPLANTATIONS: A SURVEILLANCE BASED STUDY

*Cédric Dananché - Lyon, France*

INF 18 - MATERNAL INFECTION RATES: SURVEILLANCE IN THREE OBSTETRIC UNITS OF A FRENCH UNIVERSITY HOSPITAL GROUP IN 2016

*Christine Barreto - Bron, France*

INF 19 - INFODENGUE: A NOWCASTING SYSTEM FOR THE SURVEILLANCE OF ARBOVIROSES IN BRAZIL

*Claudia Codeco - Rio de Janeiro, Brazil*

INF 20 - THE EFFECTS OF ANNOYANCE DUE TO AIRCRAFT NOISE ON PSYCHOLOGICAL DISTRESS: THE RESULTS OF THE DEBATS STUDY IN FRANCE

*Clémence Baudin- Bron, France*

INF 21 - INVESTIGATION OF AN AUTOCHTHONOUS CHIKUNGUNYA OUTBREAK IN SOUTH OF FRANCE, JULY-SEPTEMBER 2017

*Clementine Calba - Marseille, France*

INF 22 - BACTEREMIAS SURVEILLANCE IN HOSPITALS AND CLINICS OF THREE CANTONS OF SWITZERLAND: A FIFTEEN YEAR REPORT (2001-2015)

*Delphine Hequet - Lausanne, Switzerland*

INF 23 - RELEVANCE OF USING HEALTHCARE REIMBURSEMENT DATA TO MONITOR SYPHILIS EPIDEMIC IN FRANCE

*Delphine Viriot - Saint-Maurice, France*

INF 25 - EMERGING EXTENSIVELY DRUG RESISTANT BACTERIA (EXDR) IN A FRENCH UNIVERSITY HOSPITAL IN 2016: DESCRIPTION OF INCIDENT CASES AND EVALUATION OF 5 YEARS TREND

*Elisabetta Kuczewski - Lyon, France*

INF 26 - SURVEILLANCE OF SURGICAL SITE INFECTIONS CASES IN PROSTHETIC ORTHOPEDICS IN A FRENCH UNIVERSITY HOSPITAL, FROM 2013 TO 2016

*Elisabetta Kuczewski - Lyon, France*

INF 28 - SECULAR TRENDS IN VACCINATION RATES AMONG SCHOOL BEGINNERS IN BADEN-WUERTTEMBERG 1987-2014

*Iris Zoellner - Stuttgart, Germany*

INF 29 - SECULAR TRENDS IN ALL-CAUSE MORTALITY AMONG CHILDREN UNDER THE AGE OF 15 YEARS IN GERMANY 1980 - 2015

*Iris Zoellner - Stuttgart, Germany*

INF 31 - TRENDS IN THE INCIDENCE OF ASTHMA IN ADULTS: A KOREAN POPULATION BASED STUDY

*Ji-Yeon Shin - Daejeon, South Korea*

INF 32 - WHO LYON OFFICE: SUPPORTING COUNTRIES IN ACHIEVING THE INTERNATIONAL HEALTH REGULATIONS (2005) CORE CAPACITIES FOR PUBLIC HEALTH SURVEILLANCE

*Jose Guerra - Lyon, France*

INF 33 - DRINKING UNBOILED WATER IS THE RISK FACTOR OF BLASTOCYSTIS INCIDENCE IN RURAL COMMUNITY THAILAND FROM PROSPECTIVE COHORT STUDY

*Kawin Wongthamarin - Bangkok, Thailand*

## **EPIDEMIOLOGY AND OBESITY/METABOLIC DISEASES, NUTRITION**

META 1 - SUBSTITUTION OF SUGAR-SWEETENED BEVERAGES FOR OTHER BEVERAGES AND THE RISK OF DEVELOPING CORONARY HEART DISEASE: RESULTS FROM THE HARVARD POOLING PROJECT OF DIET AND CORONARY DISEASE

*Ina Olmer Specht - Frederiksberg, Denmark*

META 2 - ARE DIETARY PATTERNS AT BREAKFAST ASSOCIATED WITH ABDOMINAL OBESITY IN A POPULATION-BASED SURVEY?

*Angeline Chatelan - Lausanne, Switzerland*

META 3 - ASSOCIATION BETWEEN DIETARY INFLAMMATORY INDEX AND HIGH-SENSITIVE C-REACTIVE PROTEIN LEVELS IN CANCER SCREENING IN JAPANESE

*Ayaka Kotemori - Tokyo, Japan*

META 4 - FACTORS ASSOCIATED WITH MODERATE ACUTE MALNUTRITION AMONG 6-59 MONTHS CHILDREN IN THE LAKE CHAD REGION. A CASE-CONTROL STUDY

*Dang Bahya-Batinda - Montpellier, France*

META 5 - BIOMAKER PATTERNS OF FATTY ACIDS AND OTHER FAT-SOLUBLE BIOCOMPOUNDS IN BLOOD TO INDICATE NUTS INTAKE IN THE EUROPEAN PROSPECTIVE INVESTIGATION INTO CANCER AND NUTRITION (EPIC) STUDY

*Hwayoung Noh - Lyon, France*

**META 7 - FRUIT AND VEGETABLE CONSUMPTION ACCORDING TO SOCIOECONOMIC AND CULTURAL CHARACTERISTICS OF BELGIAN ADOLESCENTS**

*Lucille Desbouys - Brussels, Belgium*

**META 8 - THE EATING HABITS OF MOTHERS AND THEIR PRE-SCHOOL CHILDREN IN JAPAN**

*Makiko Noguchi - Sapporo, Japan*

**META 11 - DIETARY DETERMINANTS OF OBESITY AMONG MEXICAN WOMEN**

*Mohammad Sediq Sahrai - Lyon, France*

**META 12 - PREVALENCE AND FACTORS ASSOCIATED WITH OVERWEIGHT AND OBESITY AMONG CHILDREN FROM PRIMARY SCHOOLS IN URBAN AREAS OF LOMÉ, TOGO**

*Nagham Khanafer - Lyon, France*

**META 13 - VALIDITY AND REPRODUCIBILITY OF ISOTHIOCYANATE INTAKE ASSESSES BY FOOD FREQUENCY QUESTIONNAIRE IN THE JPHC-NEXT VALIDATION STUDY: COMPARISON WITH 12-DAY WEIGHED FOOD RECORDS**

*Nagisa Mori - Chuo-ku, Japan*

**META 14 - DOUBLE BURDEN OF MALNUTRITION AMONG CHILD-MOTHER PAIRS IN A NORTH AFRICAN NUTRITION TRANSITION CONTEXT: MAGNITUDE, AND ASSOCIATED FACTORS OF THE HOUSEHOLD LEVEL CO-OCCURRENCE OF CHILD ANAEMIA AND MOTHER EXCESS ADIPOSITY**

*Pierre Traissac - Montpellier, France*

**META 15 - GENDER INEQUALITIES IN DIET QUALITY AND THEIR SOCIOECONOMIC PATTERNING IN A NUTRITION TRANSITION CONTEXT IN NORTH AFRICA**

*Pierre Traissac - Montpellier, France*

**META 17 - PREVALENCE AND PREDICTORS OF SUBCLINICAL MICRONUTRIENT DEFICIENCY IN GERMAN OLDER ADULTS: RESULTS FROM THE POPULATION-BASED KORA-AGE STUDY**

*Anna-Janina Stephan - Neuherberg, Germany*

**META 18 - SKIPPING BREAKFAST AND RISK OF TYPE 2 DIABETES: A SYSTEMATIC REVIEW AND META-ANALYSIS OF PROSPECTIVE STUDIES**

*Sabrina Schlesinger - Düsseldorf, Germany*

**META 20 - REFERENCE RANGES FOR LIPID PROFILES IN CHINESE PREGNANT WOMEN**

*Shuojia Wang - Hangzhou, China*

**META 21 - TARGETING VULNERABLE HOUSEHOLDS IN RURAL MALI: EFFECTIVENESS OF A COMMUNITY-BASED METHODOLOGY, WITH OR WITHOUT ADDITION OF A PROXY-MEAN TEST (2016)**

*Sonia Fortin - Montpellier, France*

**META 22 - PREDICTION OF CIRCULATING ADIPOKINE LEVELS BY BODY FAT COMPARTMENTS AND ADIPOSE TISSUE GENE EXPRESSION**

*Stefan Konigorski - Berlin, Germany*

**META 23 - DIETARY INFLAMMATORY POTENTIAL AND DIFFERENTIATED THYROID CARCINOMA: A POPULATION-BASED CASE-CONTROL STUDY IN NEW CALEDONIA**

*Therese Truong - Villejuif, France*

## EPIDEMIOLOGY OF HEALTH CARE, QUALITY OF CARE, QUALITY OF LIFE AND BEHAVIOURS

**QUAL 1 - CASES OF BED BLOCKAGE IN NORTHERN SPAIN DURING 2010-2014: DELAYED DISCHARGE FROM ACUTE HOSPITALIZATION TO LONG-TERM CARE**

*Amada Pellico López - Santander, Spain*

**QUAL 2 - WORKPLACE VIOLENCE TOWARDS WORKERS IN THE EMERGENCY DEPARTMENT IN SECONDARY HEALTH CARE CENTER IN TUNISIA: AGGRESSOR AND AGGRIEVED SPECIFICITIES' AND GENDER CONSIDERATION**

*Amel Amara - Sousse, Tunisia*

**QUAL 3 - CAUSATION BETWEEN CHILD BEHAVIOR PROBLEMS AND PHYSICAL ABUSE IN THE AREA AFFECTED BY THE GREAT EAST JAPAN EARTHQUAKE AND TSUNAMI**

*Takeo Fujiwara - Bunkyo-ku, Japan*

**QUAL 5 - SOCIODEMOGRAPHIC CORRELATES OF ALCOHOL CONSUMPTION AMONG YOUNG ADOLESCENTS FROM TWO DIFFERENT SOCIO-CULTURAL CONTEXTS IN BELGIUM**

*Camille Pedroni - Anderlecht, Belgium*

**QUAL 6 - TO RETURN OR NOT TO RETURN FOR STI-HIV TESTS RESULTS: A STUDY AMONG 214 PATIENTS SCREENED POSITIVE IN A FREE CENTER IN PARIS OFFERING SMS REMINDERS TO REDUCE FAILURE TO RETURN**

*Camille Rolland - Paris, France*

**QUAL 7 - LIFESTYLES ASSOCIATED TO SLEEP DURATION**

*Catia Reis - Lisbon, Portugal*

**QUAL 8 - TRENDS IN HOSPITAL VOLUME OVER TIME AND OUTCOMES FOR HIGH-RISK SURGERY**

*Cécile Payet - Lyon, France*

**QUAL 9 - PREVALENCE AND ASSOCIATED FACTORS OF TRADITIONAL BULLY AMONG POPULATION-BASED SAMPLE OF SECONDARY SCHOOL STUDENTS IN RURAL COMMUNITY, THAILAND**

*Thanapat Limpaarayakul - Bangkok, Thailand*

**QUAL 10 - CYBER-BULLYING PERPETRATOR AND VICTIMIZATION AMONG ADOLESCENTS: PREVALENCE AND ASSOCIATED FACTORS IN POPULATION-BASED SAMPLE OF SECONDARY SCHOOL STUDENT IN RURAL COMMUNITY OF THAILAND**

*Chontawat Boonya-Anuchit - Kukot Sub, Thailand*

**QUAL 11 - STAPHYLOCOCCUS AUREUS NASAL CARRIAGE AMONG HEALTH-CARE PROFESSIONALS: UNEXPECTED CATEGORIES AT RISK**

*Christine Barreto - Lyon, France*

**QUAL 14 - IS PRENATAL IDENTIFICATION OF SMALL-FOR-GESTATIONAL-AGE FETUSES USEFUL?**

*Françoise Vendittelli - Clermont-Ferrand, France*

**QUAL 15 - SYSTEMATIC REVIEW: ASSOCIATION OF OCCUPATIONAL INFORMATION COMMUNICATION TECHNOLOGY AND BURNOUT INCLUDING A DISCUSSION ABOUT AGE AS EFFECT MODIFIER**

*Gabriele Berg-Beckhoff - Esbjerg, Denmark*

**QUAL 17 - PARENTAL SUPERVISION AND ALCOHOL USE AMONG BRAZILIAN ADOLESCENTS: ANALYSIS OF DATA FROM THE NATIONAL SCHOOL-BASED HEALTH SURVEY 2015**

*Deborah Malta - Belo Horizonte, Brazil*

**QUAL 18 - EFFECT OF THE IMPLEMENTATION OF A FAST-TRACK ON EMERGENCY DEPARTMENT LENGTH OF STAY AND 30-DAY READMISSIONS**

*Jan Chrusciel - Aj-Champagne, France*

**QUAL 20 - THE EMERGENCE OF SOCIOECONOMIC INEQUALITIES IN SMOKING OVER THE LIFE-COURSE**

*Joana Alves - Lisboa, Portugal*

**QUAL 21 - PATTERNS OF HOUSEHOLD PHYSICAL ACTIVITY AND RISK OF MORTALITY IN KOREA**

*Jooyong Park - Seoul, South Korea*

**QUAL 22 - EFFICIENCY OF AN INTERACTIVE PROGRAM FOR ENHANCING PATIENT REPORTING OF ADVERSE DRUG EVENTS IN PRIMARY CARE**

*Sandrine Touzet - Lyon, France*

**QUAL 24 - FREQUENCY AND CHARACTERISTICS OF CANCER SCREENING AND FOLLOW-UP IN GENERAL PRACTICE: A FRENCH NATIONWIDE CROSS-SECTIONAL STUDY**

*Laurent Letrilliart - Lyon, France*

QUAL 25 - ASSESSMENT OF GENDER-RELATED DIFFERENCES IN MANAGEMENT OF STROKE: EVALUATION OF CLINICAL PRACTICES IN A FRENCH REGISTRY

*Laurie Fraticelli - Vienne, France*

QUAL 26 - ASSOCIATION BETWEEN TRENDS IN HOSPITAL LENGTH OF STAY AND RISK OF READMISSION AFTER SURGERY

*Léa Pascal - Lyon, France*

QUAL 27 - CHANGES IN THE «HEALTHY SOLDIER EFFECT» BY TIME SINCE START OF SERVICE IN THE ROYAL NORWEGIAN NAVY

*Leif Aage Strand - Årnes, Norway*

## FRIDAY, JULY 6

10:00AM - 11:00AM

### EPIDEMIOLOGY AND AGING AND OTHER TARGET GROUPS

AGE 1 - COMMUNITY SOCIAL CAPITAL AND THE IMPROVEMENT OF FUNCTIONAL ABILITY AMONG OLDER PEOPLE IN JAPAN

*Airi Amemiya - Bunkyo-ku, Japan*

AGE 2 - HAVING CHILDREN IS ASSOCIATED WITH A LONGER SURVIVAL AFTER ISCHEMIC STROKE. A POPULATION-BASED COHORT STUDY OF SWEDISH MEN AND WOMEN AGED 65 YEARS AND OLDER

*Anna C. Meyer - Vällingby, Sweden*

AGE 3 - THE PREVALENCE AND ASSOCIATED FACTORS INFLUENCING DEPRESSION IN THE GERIATRIC POPULATION: A CROSS-SECTIONAL STUDY IN BAN NAYAO, CHACHOENGSAO PROVINCE, THAILAND

*Apaporn Mitsiriswat - Bangkok, Thailand*

AGE 4 - ASSOCIATION BETWEEN CHILDHOOD SUICIDAL IDEATION AND GERIATRIC DEPRESSION: A LIFE-COURSE APPROACH

*Takeo Fujiwara - Bunkyo-ku, Japan*

AGE 7 - A MEASLES OUTBREAK IN PLOVDIV, 2017: ETHNIC AND AGE DIFFERENCES

*Boryana Leverova - Plovdiv, Bulgaria*

AGE 9 - THE INFLUENCE OF PSYCHOSOCIAL WORKING CONDITIONS ON LATE-LIFE PHYSICAL FUNCTIONING

*Charlotta Nilsen - Stockholm, Sweden*

AGE 10 - BASELINE BMI AS DETERMINANT OF FRAILTY TRAJECTORIES IN ELDERLY GENERAL POPULATION

*Gloria Aguayo - Strassen, Luxembourg*

AGE 11 - ASSOCIATIONS OF DYSLIPIDEMIA AND LIPID-LOWERING TREATMENT WITH RISK OF POST-OPERATIVE COGNITIVE DYSFUNCTION (POCD): A SYSTEMATIC REVIEW AND META-ANALYSIS

*Insa Feinkohl - Berlin, Germany*

AGE 14 - PREVALENCE AND FACTORS ASSOCIATED WITH SYPHILIS, HIV AND HEPATITIS B VIRUS INFECTIONS AMONG MEN WHO HAVE SEX WITH MEN IN TOGO IN 2017

*Koumavi Ekouevi - Lomé, Togo*

AGE 15 - BODY SIZE, NON-OCCUPATIONAL PHYSICAL ACTIVITY AND THE CHANCE OF REACHING LONGEVITY IN MEN AND WOMEN: FINDINGS FROM THE NETHERLANDS COHORT STUDY

*Lloyd Brandts - Maastricht, Netherlands*

AGE 17 - SEX DIFFERENCES ACROSS AGE IN COGNITIVE TESTS IN THE RHINELAND STUDY

*Meta Miriam Boenniger - Hürth, Germany*

AGE 18 - CURRENT CHARACTERISTICS OF FAMILY CAREGIVERS OF ELDERLY DEPENDENTS IN NORTHERN SPAIN

*Miguel Santibáñez - Santander, Spain*

AGE 19 - FAMILY RELATIONSHIP AND USE OF ILLICIT DRUGS AMONG ADOLESCENTS: THE BRAZILIAN STUDENTS' HEALTH SURVEY, 2015

*Nágila Soares Xavier Oenning - Porto Alegre, Brazil*

AGE 20 - METABOLOMIC AGING AND ITS ASSOCIATION WITH DEPRESSION IN A UK COHORT

*Oliver Robinson - London, United Kingdom*

AGE 21 - RELATION BETWEEN ODOR IDENTIFICATION FUNCTION AND OLFACTORY BULB VOLUME DETECTED BY 3.0 TESSLA MAGNETIC RESONANCE IMAGING IN THE RHINELAND STUDY

*Ran Lu - Bonn, Germany*

AGE 23 - PHYSICAL ACTIVITY PROMOTION IN A UNIVERSITY HOSPITAL. A PROSPECTIVE COHORT STUDY IN FRANCE, 2017

*Sorina Dana Mihailescu - Rouen, France*

AGE 24 - MORTALITY FOLLOWING TRAJECTORIES OF PHYSICAL FUNCTION: THE IMPACT OF SOCIO-DEMOGRAPHIC FACTORS AND SOCIAL RELATIONS

*Terese Sara Høj Jørgensen - Copenhagen, Denmark*

AGE 25 - EPIDEMIOLOGICAL AND CLINICAL CHARACTERISTICS OF CHILDREN WITH MORBILLI IN SERBIAN ENCLAVES IN CENTRAL KOSOVO

*Vanja Nickovic - Nis, Republic of Serbia*

### EPIDEMIOLOGY AND CHRONIC DISEASES (mental health)

CHRO 17 - OVERWEIGHT TRAJECTORY AND CARDIOMETABOLIC RISK FACTORS IN YOUNG ADULTS

*Gabriela Callo - Vitoria, Brazil*

CHRO 32 - ISCHEMIC HEART DISEASE AS A MULTIPLE CONTRIBUTING CAUSE OF DEATH AMONG DIABETES MELLITUS DEATHS, AND THEIR ASSOCIATION WITH DEMOGRAPHIC AND CLINICAL FACTORS

*Maaya Kita Sugai - Tokyo, Japan*

CHRO 34 - PREVALENCE AND TRENDS IN OVERWEIGHT, OBESITY, DIABETES AND HYPERTENSION AMONG WOMEN OF REPRODUCTIVE AGE

*Deborah Malta - Belo Horizonte, Brazil*

CHRO 35 - RISK OF CEREBRAL PALSY IN RELATION TO PARENTAL CHRONIC DISEASES: MOTHER OR FATHER, DOES IT MATTER?

*Marianne Strøm - Rådal, Norway*

CHRO 36 - TRAJECTORIES OF PAIN, PHYSICAL FUNCTION AND PHYSICAL ACTIVITY COMPONENTS IN PATIENTS WITH SYMPTOMATIC KNEE AND HIP OSTEOARTHRITIS: A GROUP-BASED MULTI-TRAJECTORY APPROACH

*Maud Wieczorek - Vandœuvre-lès-Nancy, France*

CHRO 37 - IMPACT OF ACTIVE VIDEO GAMES ON BODY MASS INDEX IN CHILDREN AND ADOLESCENTS: SYSTEMATIC REVIEW AND META-ANALYSIS EVALUATING THE QUALITY OF PRIMARY STUDIES

*Miguel Santibáñez - Santander, Spain*

CHRO 38 - ARE THERE GENDER DIFFERENCES IN THE RISK OF ASTHMA EXACERBATIONS?

*Miguel Santibáñez - Santander, Spain*

CHRO 39 - FREQUENT EXACERBATOR PHENOTYPE IN MILD GRADES OF COPD SEVERITY ACCORDING TO FEV1

*Miguel Santibáñez - Santander, Spain*

CHRO 45 - TRENDS IN RENAL TRANSPLANTATION AMONG PEOPLE WITH DIABETES IN IRELAND

*Niamh Bambury - Cork, Ireland*

CHRO 47 - BIOLOGICAL INFLUENCES ON HEALTH-RATINGS: THE RELATIONSHIP OF SELF-RATED HEALTH, BIOMARKERS, AND DIABETES AND HOW IT DIFFERS ACROSS GROUPS

*Patrick Lazarevic - Montreal, Canada*

CHRO 49 - PREVALENCE AND FACTORS AFFECTING UN-CONTROLLED HYPERTENSION AMONG HYPERTENSIVE PATIENTS IN A RURAL COMMUNITY, THAILAND

*Prim Chirabandhu - Bangkok, Thailand*

CHRO 50 - CYSTIC FIBROSIS-RELATED DIABETES BEFORE LUNG TRANSPLANTATION IMPACTS SURVIVAL BUT NOT LONG TERM RENAL FUNCTION

*Sandrine Touzet - Lyon, France*

CHRO 51 - PREGNANCY OUTCOME IN WOMEN WITH CYSTIC FIBROSIS AND POOR PULMONARY FUNCTION

*Sandrine Touzet - Lyon, France*

CHRO 52 - PATTERN OF ALCOHOL CONSUMPTION IN RELATION TO MEALS AND THE RISK OF LIVER CIRRHOSIS IN A LARGE PROSPECTIVE STUDY OF UK WOMEN

*Rachel Simpson - Oxford, United Kingdom*

CHRO 53 - THE RELATIONSHIP BETWEEN HEALTHY LIFE EXPECTANCY AND SMOKING, HYPERTENSION, AND BODY MASS INDEX IN A JAPANESE POPULATION: A MULTI-STATE LIFE TABLE METHOD USING NIPPON DATA90

*Rumi Tsukinoki - Tokyo, Japan*

CHRO 54 - A POPULATION-BASED CARDIOVASCULAR COHORT IN SUBSAHARAN AFRICA: THE PILOT PROJECT TANVÈ HEALTH STUDY (TAHES) IN BENIN

*Salimanou Ariyoh Amidou - Limoges, France*

CHRO 56 - MATERNAL THYROID DISORDER IN PREGNANCY AND RISK OF CEREBRAL PALSY IN THE CHILD: A POPULATION-BASED COHORT STUDY

*Tanja Gram Petersen - Copenhagen, Denmark*

CHRO 57 - MULTIMORBIDITY AND QUALITY OF LIFE - SYSTEMATIC LITERATURE REVIEW AND META-ANALYSIS

*Tatjana Makovski - Luxembourg, Luxembourg*

CHRO 58 - THE METABOLIC PATTERN COULD BE USED FOR EARLY DETECTION OF STABLE ISCHEMIC HEART DISEASE AND HYPERTENSIVE HEART DISEASE

*Tiina Titma - Tallinn, Estonia*

CHRO 59 - MILITARY AND RISK OF MOTOR NEURON DISEASE: A FRENCH NATIONWIDE CASE-CONTROL STUDY

*Tim Vlaar - Paris, France*

CHRO 60 - PREDICTION OF MYOCARDIAL INFARCTION, STROKE AND CARDIOVASCULAR MORTALITY WITH URINARY BIOMARKERS OF OXIDATIVE STRESS: RESULTS FROM A LARGE COHORT STUDY

*Yang Xuan - Heidelberg, Germany*

CHRO 61 - ASSOCIATION OF SERUM MARKERS OF OXIDATIVE STRESS WITH MYOCARDIAL INFARCTION AND STROKE: POOLED RESULTS FROM FOUR LARGE EUROPEAN COHORT STUDIES

*Yang Xuan - Heidelberg, Germany*

CHRO 62 - COMPARISON OF METHODS FOR CALCULATING HEALTHY LIFE EXPECTANCY IN A JAPANESE POPULATION: AN ANALYSIS OF NIPPON DATA90

*Yoshitaka Murakami - Ota-ku, Japan*

## EPIDEMIOLOGY AND SURVEILLANCE, EMERGING INFECTIOUS DISEASES, NOSOCOMIAL INFECTIONS, TRANSMISSIBLE, ONE-HEALTH, VECTOR-BORN DISEASES AND TROPICAL DISEASES, GLOBAL HEALTH

INF 34 - RESPONDING TO YELLOW FEVER OUTBREAKS IN WEST AND CENTRAL AFRICA: RAPID PRIORITIZATION ASSESSMENT FOR PRE-EMPTIVE VACCINATION CAMPAIGNS

*Kévin Jean - Paris, France*

INF 36 - CAN MOTOR DEVELOPMENT AT AGE SEVEN PREDICT SPINAL PAIN AT AGE ELEVEN?

*Lise Hestbaek - Odense M, Denmark*

INF 38 - BURDEN OF INFECTIONS RELATED TO ANTIBIOTIC RESISTANT BACTERIA IN FRANCE IN 2015: RESULTS FROM THE FRENCH HOSPITAL DISCHARGE DATABASE

*Marion Opatowski - Paris, France*

INF 39 - INFLUENCE OF PHYSICAL-CHEMICAL WATER PARAMETERS ON ABUNDANCE AND PRESENCE OF THE ARBOVIRUS VECTOR AEDES ALBOPICTUS (DIPTERA: CULICIDAE) IN LARVAL HABITATS OF FOREST FRAGMENTS

*Mauro Marrelli - São Paulo, Brazil*

INF 40 - SURVEILLANCE OF LEISHMANIASIS IN THE WHO EUROPEAN REGION

*Maya Allan - Geneva, Switzerland*

INF 41 - MENINGOCOCCAL CARRIAGE IN THE EUROPEAN UNION FROM 2007-2016: A SYSTEMATIC REVIEW AND META-ANALYSIS

*Meagan E Peterson - Edinburgh, United Kingdom*

INF 43 - HEALTHCARE-ASSOCIATED INFECTIONS IN A TUNISIAN UNIVERSITY HOSPITAL IN 2017: PREVALENCE AND RISK FACTORS

*Mohamed Ben Rejeb - Sousse, Tunisia*

INF 44 - POST-OPERATIVE ANTIFUNGAL PROPHYLAXIS IN LUNG TRANSPLANT RECIPIENTS: UNPRECEDENTED EVIDENCE

*Mouhamad Nasser - Bron, France*

INF 45 - CLOSTRIDIUM DIFFICILE INFECTION IN TWO LARGE CENTERS OF LYON UNIVERSITY HOSPITAL: DATA FROM 2015 THROUGH 2017

*Naghah Khanafer - Lyon, France*

INF 48 - THE COMMUNITY SCREENING NETWORK PROJECT - SURVEILLANCE OF HIV, VIRAL HEPATITIS AND SEXUALLY TRANSMITTED INFECTIONS IN THE COMMUNITY IN PORTUGAL

*Paula Meireles - Porto, Portugal*

INF 49 - TIME-TRENDS IN HIV REACTIVE TESTS AMONG MEN WHO HAVE SEX WITH MEN TESTING FOR THE FIRST TIME AT CHECKPOINTLX IN LISBON, PORTUGAL

*Paula Meireles - Porto, Portugal*

INF 50 - PREVALENCE AND RISK FACTORS ASSOCIATED WITH LEISHMANIA INFECTION IN TRANG PROVINCE, SOUTHERN THAILAND

*Phunlerd Piyaraj - Bangkok, Thailand*

INF 51 - PREVALENCE AND ASSOCIATED FACTORS OF ENTEROBACTERIACEAE PRODUCING EXTENDED SPECTRUM BETA-LACTAMASE CARRIERS IN THAI RURAL AREA 2018

*Rinrada Vanavanitkun - Bangkok, Thailand*

INF 52 - INTEGRATING ENTOMOLOGICAL COVARIATES IN A PREDICTIVE MODEL OF MALARIA INCIDENCE IN FARAFANGANA (MADAGASCAR): LIMITATIONS AND BENEFITS

*Rodolphe Mader - Chatenoy-le-Royal, France*

INF 53 - CORRELATES OF DRUG RESISTANCE COMPARISON BETWEEN HOSPITAL ACQUIRED AND COMMUNITY ACQUIRED INFECTIONS: A MULTICENTER STUDY IN LEBANON

*Roula Matta - Aley, Lebanon*

INF 54 - THE GLOBAL INFLUENZA B STUDY (GIBS): SHARING DATA FROM NATIONAL SURVEILLANCE TO UNDERSTAND THE IMPACT OF INFLUENZA B DISEASE

*John Paget - Utrecht, Netherlands*

INF 56 - OF THE MULTI DRUG RESISTANT ORGANISMS IN A FRENCH UNIVERSITY HOSPITAL: RESULTS SINCE 2013

*Solweig Gerbier-Colomban - Pierre Bénite, France*

INF 57 - DRAMATIC DECREASE OF IMPLANTED CENTRAL VENOUS CATHETER RELATED INFECTIONS BY APPLYING A SIMPLE BUT MULTICOMPONENT PROPHYLACTIC MULTIDISCIPLINARY PROGRAM IN A LUNG CANCER CLINIC

*Solweig Gerbier-Colomban - Pierre Bénite, France*

INF 60 - PREVALENCE, INFECTION INTENSITY AND RISK FACTORS OF OPISTHORCHIS VIVERRINI INFECTION IN RURAL AREA OF CENTRAL THAILAND

*Teeraboon Lertwanichwattana - Bangkok, Thailand*

INF 61 - HIGH RATES OF COLONISATION WITH ESBL (+) GRAM-NEGATIVE BACTERIA IN NEWLY ADMITTED NEONATES IN A NEONATAL CARE UNIT, PORT AU PRINCE, HAITI

*Theofilos Papadopoulos - Brussels, Belgium*

INF 63 - ATTITUDES TOWARDS THE INFLUENZA VACCINE IN BULGARIA-LESSONS LEARNED FROM A PILOT QUESTIONNAIRE STUDY

*Vanya Rangelova - Plovdiv, Bulgaria*

INF 64 - NEONATAL NOSOCOMIAL INFECTIONS-RATES, CHARACTERISTICS AND MICROBIOLOGICAL PROFILE

*Vanya Rangelova - Plovdiv, Bulgaria*

INF 65 - TOWARD REAL-TIME MORTALITY SURVEILLANCE BY MEDICAL CAUSES OF DEATH: A STRATEGY OF ANALYSIS FOR ALERT

*Yasmine Baghdadi - Saint-Maurice, France*

## EPIDEMIOLOGY, METHODS, PHARMACO-EPIDEMIOLOGY, SPATIAL EPIDEMIOLOGY

METH 2 - IMPACT OF FRENCH AGENCY FOR THE SAFETY OF MEDICINES AND HEALTH PRODUCTS COMMUNICATION ON SODIUM VALPROATE PRESCRIPTION IN WOMEN OF CHILD-BEARING POTENTIAL AGE

*Adeline Degremont - Rennes, France*

METH 5 - RESEARCH IN RURAL REGIONS FOR RURAL REGIONS: TEMPORARY STUDY CENTERS AS A METHOD TO INCREASE RESPONSE IN POPULATION-BASED STUDIES - RESULTS OF THE GERMAN NATIONAL COHORT IN MECKLENBURG-WESTERN POMERANIA

*Claudia Meinke-Franze - Greifswald, Germany*

METH 6 - THE EFFECT OF PROTON PUMP INHIBITORS ON COGNITION AND BRAIN VOLUME IN THE RHINELAND STUDY

*Dianna De Vries - Bonn, Germany*

METH 8 - A MIXED-MODE DESIGN FOR THE SELF-ADMINISTERED QUESTIONNAIRE OF THE BELGIAN HEALTH INTERVIEW SURVEY: A FEASIBILITY STUDY

*Elise Braekman - Sint-Lievens-Houtem, Belgium*

METH 9 - DEVELOPMENT OF A SOFTWARE BASED ON AUTOMATIC MULTI-TEMPORAL AERIAL IMAGES CLASSIFICATION TO ASSESS RETROSPECTIVE ENVIRONMENTAL EXPOSURES TO PESTICIDES IN EPIDEMIOLOGICAL STUDIES

*Elodie Faure - Lyon, France*

METH 10 - THE CONSUMPTION OF QUINOLONES IN PORTUGAL 2005-2014

*Isabel Ramalhinho - Albufeira, Portugal*

METH 13 - ASSESSING POLYPHARMACY IN THE GENERAL OLDER POPULATION: COMPARISON OF FINDINGS FROM A HEALTH SURVEY AND HEALTH INSURANCE DATA

*Finaba Berete - Brussels, Belgium*

METH 14 - MULTICHANNEL SEQUENCE ANALYSIS: AN INNOVATIVE METHOD TO STUDY PATTERNS OF CARE PATHWAYS - APPLICATION TO MULTIPLE SCLEROSIS BASED ON FRENCH HEALTH INSURANCE DATA

*Jonathan Roux - Rennes, France*

METH 15 - ACCESSIBILITY MEASURE FOR HAEMOPHILIA PATIENTS: STUDY OF ANTI-HAEMOPHILIC FACTORS AVAILABILITY IN THE RHÔNE-ALPES COUNTY (FRANCE)

*Julie Freyssenge - Vienne, France*

METH 16 - COMPLETENESS OF THE OBSERVATORY OF RENAL AND UROTHELIAL CARCINOMA IN ADULTS LIVING IN THE BOUCHES-DU-RHÔNE DEPARTMENT (FRANCE): QUANTITATIVE EVALUATION BY THE THREE SOURCES CAPTURE-RECAPTURE METHOD, 2013-2014

*Karine Mantey - Marseille, France*

METH 17 - DOUBLE VALIDATION OF TRANSLATED QUESTIONNAIRES IN INTERNATIONAL STUDIES

*Liliana Tzivian - Riga, Latvia*

METH 19 - REDUCING ATTRITION THROUGH A VITAL STATUS TRACING METHODOLOGY IN SWISS SPINAL CORD INJURED PATIENTS

*Jonvica Chamberlain - Nottwil, Switzerland*

METH 20 - CONCURRENT USE OF PRESCRIPTION DRUGS AND HERBAL MEDICINAL PRODUCTS IN PATIENTS WITH DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE

*Minkyung Hyun - Gyeongju-si, South Korea*

METH 21 - ASSOCIATION BETWEEN CANCER AND SUICIDE CAUSES OF DEATH IN DEATH CERTIFICATES (FRANCE, 2000-2013)

*Moussa Laanani - Le Kremlin-Bicêtre, France*

METH 22 - DEVELOPMENT AND VALIDATION OF TWO MORBIDITY INDICES FOR HEALTH-STATE SEVERITY-ADJUSTMENT, USING DATA FROM THE FRENCH NATIONAL HEALTH INSURANCE INFORMATION SYSTEM

*Panayotis Constantinou - Villejuif, France*

METH 23 - CHANGES IN HEALTH BUT NOT IN THE GENERAL EVALUATION? THE SENSITIVITY OF SELF-RATED HEALTH TO CHANGES

*Patrick Lazarevic - Montreal, Canada*

METH 24 - SPATIAL VARIATION IN DECEASED ORGAN DONATION REGISTRATION IN ONTARIO, CANADA

*Piotr Wilk - London, Canada*

METH 26 - REGIONAL DISPARITIES OF LATE ENTRY TO ANTENATAL CARE AND ASSOCIATED SOCIO-DEMOGRAPHIC BARRIERS IN BURKINA FASO

*Sékou Samadoulougou - Brussels, Belgium*

METH 27 - INITIATION OF ORAL ANTICOAGULATION IN PATIENTS WITH NEW-ONSET ATRIAL FIBRILLATION DIAGNOSED BETWEEN 2002 AND 2014: TRENDS FROM A REGISTRY-BASED STUDY IN FLANDERS (BELGIUM)

*Séverine Henrard - Brussels, Belgium*

METH 29 - IS THE STUDY OF TOBACCO USE IN MIGRANTS FEASIBLE IN FRANCE? TOBAMIG: A PILOT STUDY OF TOBACCO USE CHARACTERISTICS AND IMMIGRATION

*Simon Ducarroz - Lyon, France*

METH 30 - DEVELOPMENT AND PERFORMANCE EVALUATION OF A GIS-BASED METRIC TO ASSESS EXPOSURE TO AIRBORNE POLLUTANT EMISSIONS FROM INDUSTRIAL SOURCES

*Thomas Coudon - Lyon, France*

METH 31 - A TOOL FOR EVALUATING SCIENTIFIC INDEPENDENCE, INTEGRITY AND TRANSPARENCY IN OBSERVATIONAL STUDIES OF VACCINE EFFECTIVENESS

*Topi Turunen - Valencia, Spain*

## EPIDEMIOLOGY AND PUBLIC HEALTH AND SOCIAL DISPARITIES

PUB 4 - THE COMPOSITION OF NONBEVERAGE ALCOHOLS CONSUMED IN RUSSIA IN 2015-2017

*Artyom Gil - Moscow, Russia*

PUB 37 - INDIVIDUAL AND NEIGHBORHOOD SOCIOECONOMIC DISPARITIES AND HIGH BLOOD PRESSURE IN FRANCE: RESULTS FROM A CROSS-SECTIONAL ANALYSIS OF THE CONSTANCES COHORT

*Lola Neufcourt - Rennes, France*

PUB 39 - RESEARCHER/LOCAL HEALTH PROFESSIONALS' COLLABORATIONS FOR COMMUNITY HEALTH PROMOTION AND MORTALITY AMONG OLDER ADULTS IN JAPAN: JAGES COMMUNITY INTERVENTION STUDY

*Maho Haseda - Bunkyo-ku, Japan*

PUB 40 - CLINICAL PRACTICE AND DIFFERENTIAL RESULTS IN MATERNAL AND NEONATAL MORBIDITY IN PREGNANT WOMEN WHO ARE CANDIDATES FOR A NORMAL BIRTH

*Maria Paz-Zulueta - Santander, Spain*

PUB 41 - HEALTH INEQUALITIES IN VACCINATION: A CHALLENGE FOR MEASLES ELIMINATION (THE CASE OF OUTBREAK IN ECUADOR 2011-12)

*Maria Rivadeneira - Quito, Ecuador*

PUB 42 - THE IMPACT OF AREA DEPRIVATION ON TREATMENT AND OUTCOME QUALITY OF 29,284 PEDIATRIC PATIENTS WITH TYPE 1 DIABETES IN GERMANY - RESULTS FROM THE GERMAN DPV REGISTRY

*Marie Auzanneau - Ulm, Germany*

PUB 43 - ROLE OF PARTICIPATION IN ORGANIZED SCREENTING ON THE SURVIVAL OF WOMEN WITH BREAST CANCER ACCORDING TO SOCIO-ECONOMIC DISPARITIES: A POPULATION-BASED STUDY

*Angéline Galvin - Bordeaux, France*

PUB 44 - THE SOCIOLANCE: A MOBILE CLINIC REQUESTED THROUGH EMERGENCY MEDICAL DISPATCH CENTER SERVING SOCIALLY VULNERABLE AND HOMELESS PEOPLE IN THE CAPITAL CITY OF DENMARK

*Marie Skov Kristensen - Copenhagen, Denmark*

PUB 47 - TARGETED VACCINATION CAMPAIGNS OF TEENAGERS AFTER TWO CLUSTERS OF SEROGROUP B INVASIVE MENINGOCOCCAL DISEASE IN BRITANNY, NORTH-WEST FRANCE, JANUARY TO OCTOBER 2017

*Mathilde Pivette - Rennes, France*

PUB 48 - LIVING ARRANGEMENTS AFTER FAMILY SPLIT-UP, WELLBEING AND HEALTH OF ADOLESCENTS IN FRENCH-SPEAKING BELGIUM

*Maud Dujou - Brussels, Belgium*

PUB 49 - INCIDENCE AND RISK FACTORS OF HYPERTENSION AMONG POPULATION IN A RURAL COMMUNITY, THAILAND, DURING 2008 - 2018

*Aticha Udomdech - Bangkok, Thailand*

PUB 51 - EFFECT OF DELAY AT 12 MONTHS OF AGE ON DEVELOPMENTAL STATUS AT 48 MONTHS OF AGE DETERMINED USING THE AGES AND STAGES QUESTIONNAIRE: THE JAPAN ENVIRONMENT AND CHILDREN'S STUDY

*Miri Sato - Chuo, Japan*

PUB 52 - THE IMPACT OF THE DANISH SMOKING BAN FROM 2007 ON SMOKING-RELATED MORBIDITY - A REGISTER-BASED NATURAL EXPERIMENT

*Nanna Schneekloth Jarlstrup - Copenhagen, Denmark*

PUB 53 - LENGTH OF INTER-PREGNANCY INTERVAL AND SUBSEQUENT PRECONCEPTION ADIPOSITY: FINDINGS FROM A POPULATION-BASED COHORT IN THE SOUTH OF ENGLAND

*Nida Ziauddeen - Southampton, United Kingdom*

PUB 54 - DETERMINANTS OF CONTRACEPTIVE PRACTICE AMONG MARRIED WOMEN, IN THE HEALTH DISTRICT OF DAHRA, SENEGAL

*Papa Ndiaye - Saint-Louis, Senegal*

PUB 55 - KNOWLEDGE, ATTITUDES AND PRACTICES RELATED TO MALARIA: THE CASE OF COMMUNITY HEALTH WORKERS IN LEONA, SAKAL DISTRICT, SENEGAL

*Papa Ndiaye - Saint-Louis, Senegal*

PUB 56 - USE OF ADMINISTRATIVE DATA TO ANALYSE COMORBIDITIES IN HOSPITALIZED PATIENTS FOR ISCHEMIC STROKE IN WALLONIA

*Philippe Collart - Charleroi, Belgium*

PUB 57 - CHANGING BMI SCORES AMONG CANADIAN CHILDREN, YOUTH AND YOUNG ADULTS: AN ASSESSMENT OF AGE, PERIOD, AND COHORT EFFECTS

*Piotr Wilk - London, Canada*

PUB 58 - IMPACT OF INTIMATE PARTNER VIOLENCE ON EVER-MARRIED WOMEN AND UTILIZATION OF ANTENATAL CARE SERVICES IN TANZANIA

*Russell Kabir - London, United Kingdom*

PUB 63 - ASSESSMENT OF PERCEPTIONS AND ATTITUDES LINKED TO WATERPIPE AND CIGARETTE SMOKING IN LEBANON

*Sandrella Bou Malhab - Batroun, Lebanon*

PUB 64 - HOSPITAL STAFF'S OPINION ON A SMOKE-FREE POLICY: A SURVEY AT THE CENTRE LÉON BÉRARD CANCER CENTER OF LYON

*Solweig Gerbier-Colomban - Lyon, France*

PUB 65 - WHY ARE PEOPLE INCREASINGLY ATTENDING THE EMERGENCY DEPARTMENT?

*Sébastien Lamy - Toulouse, France*

PUB 67 - EFFECTIVENESS OF AN INTERVENTION PROGRAM TO REDUCE HYPERTENSION PREVALENCE AMONG EMPLOYEES (SOUSSE TUNISIA 2009-2014)

*Sihem Fredj - Sousse, Tunisia*

PUB 68 - PROBABILITY OF HYSTERECTOMY IN GERMANY

*Luana Tanaka - Munich, Germany*

PUB 69 - CHILDHOOD POVERTY, PARENTING, AND CARIES: A MEDIATION ANALYSIS

*Takeo Fujiwara - Bunkyo-ku, Japan*

PUB 70 - GEOGRAPHICAL AND SOCIAL INEQUALITIES IN SURVIVAL AFTER INCIDENT ACUTE MYOCARDIAL INFARCTION IN DENMARK: A SPATIAL EPIDEMIOLOGICAL COHORT STUDY BASED ON NATIONWIDE REGISTER DATA

*Thora Kjaerulff - Copenhagen, Denmark*

PUB 71 - SOCIOECONOMIC CIRCUMSTANCES AND RESPIRATORY FUNCTION IN CHILDHOOD AND ADOLESCENCE: A SYSTEMATIC REVIEW AND META-ANALYSIS

*Ana Isabel Ribeiro - Porto, Portugal*

# EPIDEMIOLOGY OF HEALTH CARE, QUALITY OF CARE, QUALITY OF LIFE AND BEHAVIOURS

QUAL 28 - ASSOCIATION OF LIFESTYLE AND SOCIOECONOMIC FACTORS WITH DURATION AND INTENSITY OF PHYSICAL ACTIVITY ASSESSED USING 7-DAY 24H-ACCELEROMETRY

*Lina Jaeschke - Berlin, Germany*

QUAL 29 - ANTIMICROBIAL RESISTANCE: KNOWLEDGE TOWARDS ANTIBIOTICS IN A MEXICAN POPULATION

*Luz Upegui - Berlin, Germany*

QUAL 30 - THE ASSOCIATION BETWEEN JAPANESE STUDENTS' HELP-SEEKING BEHAVIOR AND THEIR RELIABLE ADULTS

*Manami Ochi - Kodaira, Japan*

QUAL 31 - EXPERIMENTATION AND USE OF TOBACCO IN BRAZILIAN SCHOOL ADOLESCENTS: ASSOCIATION WITH MENTAL HEALTH AND FAMILY CONTEXT

*Maria Fernanda Rivadeneira - Quito, Ecuador*

QUAL 32 - SLEEP DURATION AND MULTIMORBIDITY IN LUXEMBOURG. RESULTS FROM THE EUROPEAN HEALTH EXAMINATION SURVEY, 2013-2015

*Maria Ruiz-Castell - Strassen, Luxembourg*

QUAL 33 - SEXUAL AND REPRODUCTIVE HEALTH OF BRAZILIAN ADOLESCENTS: NATIONAL SCHOOL HEALTH SURVEY (PENSE) 2009, 2012 AND 2015

*Deborah Malta - Belo Horizonte, Brazil*

QUAL 34 - EATING DISORDERS AMONG HEALTHCARE STUDENTS IN THREE EUROPEAN COUNTRIES

*Marie Pierre Tavalacci - Rouen, France*

QUAL 35 - FREQUENT BINGE DRINKING DURING THE 18-25-YEAR-OLDS: A RISK OF ADULTHOOD ALCOHOL DEPENDENCE?

*Marie Pierre Tavalacci - Rouen, France*

QUAL 37 - IMPACT OF THE ESDM ON THE DEVELOPMENT OF CHILDREN WITH ASD IN A EUROPEAN FRENCH-SPEAKING POPULATION: FIRST RESULTS OF THE INTERVENTION IMPLEMENTATION

*Marie-Maude Geoffray - Lyon, France*

QUAL 38 - INFANT CRYING, PARENTAL STRESS AND ATTACHMENT: A STRUCTURAL EQUATION MODELLING APPROACH

*Marion Bailhache - Bordeaux, France*

QUAL 39 - VALIDATION OF THE SHORT-FORM GENERALIZED SELF-EFFICACY SCALE (GSE-6) IN REHABILITATION

*Martin Brünger - Berlin, Germany*

QUAL 41 - MORTALITY IN A TUNISIAN INTENSIVE CARE UNIT

*Mohamed Ben Rejeb - Sousse, Tunisia*

QUAL 42 - HIGH EATING SELF-REGULATORY SKILLS PREDICTS LOWER WEIGHT GAIN AND HEALTHY DIETARY INTAKE AMONG FIRST YEAR UNDERGRADUATE STUDENTS

*Nathalie Kliemann - Lyon, France*

QUAL 43 - FACTORS ASSOCIATED WITH A PROLONGED NO-ROVIRUS OUTBREAK IN A NURSING HOME, NORMANDY, FRANCE, 2016

*Nathalie Nicolay - Rouen, France*

QUAL 44 - PREVALENCE AND ASSOCIATED FACTOR OF INTERNET ADDICTION AMONG POPULATION-BASED SAMPLE OF SECONDARY SCHOOL STUDENTS IN RURAL COMMUNITY, THAILAND

*Parima Mahamontri - Bangkok, Thailand*

QUAL 45 - PREVALENCE AND ASSOCIATED FACTORS OF INTERNET GAMING DISORDER AMONG SECONDARY SCHOOL STUDENTS IN CHACHOENGSAO PROVINCE, THAILAND

*Pawan Taechoyotin - Bangkok, Thailand*

QUAL 46 - ASSESSING THE PERFORMANCE OF ONGOING NATIONAL INDICATORS ON HEALTHCARE QUALITY AND SAFETY: DEVELOPMENT OF THE QUID METHOD AND RESULTS ON TEN INDICATORS

*Philippe Michel - Lyon, France*

QUAL 48 - EFFECT MODIFICATION OF THE TREATMENT EFFICACY BY COMORBIDITY USING "REAL-LIFE" DATA FROM A FRENCH COHORT OF PATIENTS TREATED FOR DLBCL

*Sébastien Lamy - Toulouse, France*

QUAL 49 - MINDFULNESS AND ANXIETY SYMPTOMS IN PREGNANT WOMEN

*Shu-Yu Kuo - Taipei, Taiwan*

QUAL 50 - IMPACT ANALYSIS OF CLINICAL SCENARIOS ON PATIENT SAFETY CULTURE IN OBSTETRICAL ENVIRONMENT: AN INTERVENTION STUDY IN SOUSSE, TUNISIA

*Sihem Fredj - Sousse, Tunisia*

QUAL 51 - PSYCHOSOCIAL CHARACTERISTICS AND COMPLICATIONS IN OUTPATIENTS IN A FRENCH UNIVERSITY HOSPITAL

*Sorina Dana Mihailescu - Rouen, France*

QUAL 52 - BURN OUT IN UNIVERSITY STUDENTS: AN INTERNATIONAL STUDY

*Sorina Dana Mihailescu - Rouen, France*

## PRACTICAL INFORMATION

### Date:

The congress will be held from Wednesday, July 4, 2018 to Friday, July 6, 2018

### Venue:

**Lyon Convention Centre at the Cité Internationale**

50, quai Charles de Gaulle

69463 Lyon cedex 06 - France

### Getting to the venue:

#### • From the airport:

An express tramway, RHONEXPRESS, links the Lyon-Saint Exupéry International Airport to the Central Lyon Part-Dieu railway station in 25 minutes with departures every 15 minutes.

#### • From railway stations - by public transport:

Bus C1 from Part Dieu railway station - Bus stop Cité Internationale | Centre de Congrès

Bus C2 from Part Dieu railway station - Bus stop Cité Internationale | Transbordeur

Bus C4 from metro/tramway station Jean Macé - Bus stop Cité Internationale | Centre de Congrès

Bus C5 from metro station Cordeliers - Bus stop Cité Internationale | Centre de Congrès

Bus C26 from metro/tramway station Grange Blanche - Bus stop Cité Internationale | Transbordeur

Bus 70 from Part Dieu railway station - Bus stop Cité Internationale | Transbordeur

Get more information by accessing the TCL network website:

<http://www.tcl.fr/en>

#### • From the highway:

Périphérique Nord, sortie Porte de Saint-Clair

GPS coordinates : Latitude: 45.7851676 | Longitude: 4.8528885

1:30 from Geneva, 3:00 from Turin, 4:00 from Paris, 4:30 from Milan, 5:00 from Barcelona

### Parking:

Nearby parking lots:

Parking Cité Internationale P0, P1 and P2

Parking Indigo

### Taxi:

A Taxi station is available at the level of the congress center and amphitheater.

TAXI RADIO - 04 72 10 86 86

ALLO TAXI - 04 78 28 23 23

TAXI LYONNAIS - 04 78 26 81 81

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# IX<sup>ème</sup> Congrès International d'Épidémiologie EPITER-ADELFF

Épidémiologie et santé publique :  
Union des forces en francophonie

**Lieu : Université Laval**  
Ville de Québec, Canada

*Je t'attends,  
À très bientôt!  
Cordialement...*

**18 au 20 août 2020**



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