

Appel à manifestation d'intérêt - Chaire de professeur junior
Fiche projet type

Établissement/organisme porteur : Inserm

Nom du chef d'établissement/d'organisme : Gilles Bloch

Site concerné : *Bordeaux*

Région académique : Nouvelle-Aquitaine

Établissements/organismes partenaires envisagés : *le cas échéant*

Nom du projet : Prévention des maladies chroniques : de la théorie à l'implémentation
/Prevention of chronic diseases : from theory to implementation

Mots-clés : population health, intervention research, determinants, knowledge transfer, prevention, chronic diseases

Durée visée : 3 years

Scientific domain : Public Health / Prevention

Section (s) CNU/CoNRS/CSS correspondante (s) : CSS 6

Strategy of the host institution: *(15 lignes maximum)*

The chair project is dedicated to developing methods to improve prevention of chronic diseases. It is very much in line with the Inserm strategy concerning public health and clinical research, and specifically the objective of developing interventional research, a primary goal highlighted in the Inserm strategic plan for 2021-2025 as well as in a collective expertise led by Inserm in 2019, which concluded that improving prevention of chronic diseases is a major public health emergency. Additionally, this topic is in line with the goals of projects supported by the University of Bordeaux initiative of excellence, notably "HOPE" (Understanding Human Well-being and Behavior for better Policies & Societies), a multidisciplinary programme aiming to understand human well-being and behavior to improve society and public decisions.

Strategy of the host laboratory :*(15 lignes maximum)*

The hosting laboratory is the *Bordeaux Population Health* research center ([BPH](#), INSERM U1219), in the PHARes (Population Health trAnslational Research) team. The BPH comprises 10 teams (~500 staff members in total) dedicated to research on various public health priorities. The PHARes team aims at developing research around three objects considered as the core of translational population health research:

- i) Health status, health determinants and inequalities (observational research),
- ii) Population health interventions (especially in prevention and health promotion), whether they consist of policy, outreach, or organizations within and outside the health care setting (intervention research),
- iii) Methodological research to better apprehend the complexity of the first two objects (meta-research).

Through the association of these three objects this team combines complementary types of expertise and disciplines to develop population health interventions, one of the cornerstones of the PHARes team. This research is conducted with a strong focus on the system in which the interventions are implemented, whether they are in or out of the health care environment (public realm: media, opinions, policies, professional practices, etc.), and the complex nature of population

health interventions (individual, ecological, collective, regulatory, etc.). The ambitious and innovative program of the team needs reinforcement by a talented researcher that will contribute to improving methods for chronic disease prevention.

Summary of the scientific project : 15 lignes maximum

Chronic diseases prevention requires a better understanding of the determinants of health, from the most proximal (individual, behavioral, access to care determinants) to the most distal (structural social determinants: education, social cohesion, urban planning, employment) known as the most equitable. Prevention requires interventions both within and outside the health system (i.e. other societal sectors). For prevention to be effective, this requires to assess the effect mechanisms of interventions (effectiveness, acceptability, transferability) and the factors favoring their dissemination and scaling up (knowledge transfer research). This research therefore studies specifically the contexts and conditions in which interventions have an effect. It relies on multiple theoretical models and diversified evaluation paradigms (e.g. theory-based evaluation, realistic evaluation, adaptation of trials to real conditions, natural experiments, mixed methods studies, etc.) to i) assess the contextual elements as determinants of the outcomes and ii) produce some transferable and acceptable conclusions from decision makers' and stakeholders' points of view. The project here is to develop this applied research, especially the interventions acting on the structural determinants of health, and to develop the meta-research needed for this development, by clarifying the most relevant methods for assessing the complexity and systemic nature of these interventions and drawing conclusions on the conditions of their transferability.

Summary of the teaching project : 15 lignes maximum

The chair will be offered to teach at Bordeaux University within both the Master of public health in Health Promotion and the University Diploma Prevention and health promotion of Bordeaux School of Public Health (ISPED)

The teaching team needs to be strengthened through this chair with the following competencies:

- i) Theoretical frameworks inherent to prevention and health promotion, whether individual, structural or social,
- ii) Issues and new approaches in prevention and health promotion including intervention in non-health areas (housing, urban planning, employment, social cohesion, etc.),
- iii) Methodology of Population health interventions research

Funding :

ANR Funding package

200 000 k€

Scientific communication and dissemination:

- Scientific Publications in international peer-reviewed journals in the field of public health
- Didactic publications in the framework of existing knowledge transfer platforms at Bordeaux University or university hospital ecosystem
- Seminars for sharing work within the framework of ISPED, IdEx, Nouvelle-Aquitaine Health Regional Agency (ARS)
- Dissemination and communication of work within the framework of national bodies bringing together public health research funders (IReSP, INCa, etc.)
- Dissemination and communication of work within the framework of international bodies (WHO, ASPHER...) and conferences

Open Science :

The scientific project aims to promote the development of a field of research that needs to move forward in France and to highlight the methodological developments likely to encourage its practice. Consequently, the majority of publications will be part of an open science logic, either by favoring journals offering open access (particularly for "flagship" publications in the field progression), by proposing open seminars to discuss the work carried out, and by contributing to open archives such as HAL (Inserm) or OSKAR (University of Bordeaux).

Science and society :

The chair's project requires a participatory approach including the populations and the stakeholders involved in prevention. They will be integrated as producers of data themselves throughout the research process (seminars, project steering committee, etc.).

A webpage of the BPH website will be dedicated to the chair's project with regular updates based on progress. LinkedIn and Twitter channels will be created to improve the visibility of the project at the national and international levels

Indicators :

1. Number of papers published in peer-reviewed journals
2. Communications in conferences in the field
3. Funding application and success to complete funding obtained by ANR
4. Supervision of PhD students and post-doctoral fellows
5. Development of international partnerships and networks
6. Pedagogical capacity and transmission of knowledge through teaching activity and leadership
7. Participation in committees or production of policy briefs or guidelines in national public health bodies of decision (Haut Conseil de la Santé publique (HCSP) or Santé Publique France (SPF) or Institut National du Cancer (Inca)) and other stakeholders