For general questions about this program: welcomeukraine@pasteur.fr

The practical aspects (accommodation, schools, etc.) related to the hosting of the persons whose collaboration would be confirmed will be specified at a later stage.

In the context of the current war in Ukraine, the Institut Pasteur is committed to financing the hosting of Ukrainian researchers in its research laboratories in Paris. If you are a Ukrainian and you are looking for a host laboratory, you can contact the managers of the host laboratories that interest you in the list below, in order to discuss a potential joint collaboration, which will then be submitted to the Department of Scientific Affairs of the Institut Pasteur.

You will find additional information on the hosting teams on the website https://research.pasteur.fr/en/teams-heads/

NAME of the PI
For general questions about this program: welcomeukraine@pasteur.fr

ELOIT Marc
Speculative research on the role of the immune system in the control of chronic viral infections and the development of therapeutic strategies.

ECHARD Arnaud
Research on the mechanisms of antifungal drug resistance and the development of new antifungal agents.

EBERL Gérard
Research on the role of the immune system in the control of chronic viral infections and the development of therapeutic strategies.

DERIANO Ludovic
Research on the mechanisms of antifungal drug resistance and the development of new antifungal agents.

DECZKOWSKA Aleksandra
Research on the role of the immune system in the control of chronic viral infections and the development of therapeutic strategies.

DE REUSE Hilde
Research on the mechanisms of antifungal drug resistance and the development of new antifungal agents.

BALLY-CUIF Laure
Research on the role of the immune system in the control of chronic viral infections and the development of therapeutic strategies.

BARRAS Frederic
Research on the role of the immune system in the control of chronic viral infections and the development of therapeutic strategies.

BAUMGARTEN Sebastian
Research on the role of the immune system in the control of chronic viral infections and the development of therapeutic strategies.

BIKARD David
Research on the role of the immune system in the control of chronic viral infections and the development of therapeutic strategies.

BOURGERON Thomas
Research on the role of the immune system in the control of chronic viral infections and the development of therapeutic strategies.

BOUHRY Hervé
Research on the role of the immune system in the control of chronic viral infections and the development of therapeutic strategies.

BRUNSTEIN Maia
Research on the role of the immune system in the control of chronic viral infections and the development of therapeutic strategies.

DAUCHEZ Simon
Research on the role of the immune system in the control of chronic viral infections and the development of therapeutic strategies.

CHAKRABARTI Lisa
Research on the role of the immune system in the control of chronic viral infections and the development of therapeutic strategies.

D'ENFERT Christophe
Research on the role of the immune system in the control of chronic viral infections and the development of therapeutic strategies.

DERIANO Laure
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DI NUNZIO Francesca
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DUFFY Darryl
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EBELT Silvan
Research on the role of the immune system in the control of chronic viral infections and the development of therapeutic strategies.

ECHARD Arnaud
Research on the role of the immune system in the control of chronic viral infections and the development of therapeutic strategies.

ELOT Marc
Research on the role of the immune system in the control of chronic viral infections and the development of therapeutic strategies.

ENE Ilulana
Research on the role of the immune system in the control of chronic viral infections and the development of therapeutic strategies.

ENGLAND Patrick
Research on the role of the immune system in the control of chronic viral infections and the development of therapeutic strategies.

ENNINGA Jost
Research on the role of the immune system in the control of chronic viral infections and the development of therapeutic strategies.

ESCRIOU Nicolas
Research on the role of the immune system in the control of chronic viral infections and the development of therapeutic strategies.

ETIENNE-MARINEVILLE Sandrine
Research on the role of the immune system in the control of chronic viral infections and the development of therapeutic strategies.
Bacterial biofilms are widespread tri-dimensional communities of surface-attached microorganisms playing many positive ecological roles but also negatively impacting human activities when developing on medical or industrial surfaces. Within biofilm, bacteria undergo profound physiological changes leading to biofilm-specific features such as high tolerance to antibiotics causing difficult-to-eradicate chronic and nosocomial infections. The laboratory uses in vitro and in vivo models combined with genetics, genomics and molecular biology approaches to explore original aspects of the biofilm lifestyle in different bacteria. We in particular address three intertwined questions: how do bacteria form biofilms? What properties emerge from bacterial communities? How can we use these information to limit or use biofilm formation? (see also https://research.pasteur.fr/en/yb/10).

**GHIGO Jean-Marc**

**Microbiology**

**Research entity:** jean-marc.ghigo@pasteur.fr

**Research interests:**
- Immunology
- Host-pathogen interactions
- Bioinformatics
- Functional genomics
- Metagenomics

**Relevant research topics:**
- The laboratory works on innate immune cells with special emphasis on macrophages. We study the development of the immune system during fetal life but also how macrophages contribute to tissue repair and aging.
- We work almost exclusively with mouse models where we employ multi-parameter flow cytometry, immunofluorescence on sections and wholemount samples, as in vivo functional assays and more recently single cell RNA sequencing.

**SCEZHEN Lei**

**Parasitology**

**Research entity:** leic.scezhen@pasteur.fr

**Research interests:**
- Parasitology
- Parasites and insect interaction
- Parasite infection

**Relevant research topics:**
- We are focused in studying the bacterial cell wall and envelope biogenesis. We do structural biology, biochemistry and bacterial physiology of corresponding proteins involved in this process.
- We use the gained information to develop potential new therapeutic strategies. We also study the role of cell envelop components in the dialog between bacteria and the mammalian host immune system both during homeostasis and during infection (via non-transmissible diseases).
- Scientists with a focus on microbial physiology and biochemistry or on host-microbe interactions.

**GREGOR Thomas**

**Developmental and stem cell biology**

**Research entity:** thomas.gregor@pasteur.fr

**Research interests:**
- A possible assignment for the individual would be the generation of mammalian stem cell lines. To do this, he/she will work with an engineer in the unit to generate transgenic vectors with molecular biology methods (virus) and then insert them into the mammalian genome of mouse stem cells.

**SAMUELS David**

**Microbiology**

**Research entity:** david.samuels@pasteur.fr

**Research interests:**
- Genetics
- Pathogen-host interactions
- Bioinformatics

**Relevant research topics:**
- Our current projects aim to increase our understanding of (i) the genetic architecture of human populations, (ii) the occurrence of positive selection in the human genome; (iii) the genetic and epigenetic determinants of immunity-related traits, and (iv) the relationship between genetic diversity, epigenetic patterns and changes in lifestyle and habitat of human populations.

**SCHLOSS Paul**

**Microbiology**

**Research entity:** paul.schloss@pasteur.fr

**Research interests:**
- Cell biology
- Evolutionary biology
- Functional genomics

**Relevant research topics:**
- We work on the host-pathogen interactions in the context of human health, with a special focus on pathogenic bacteria and fungi. We use a combination of functional genomics, structural biology, and metagenomics to understand the mechanisms that enable bacteria and fungi to adapt to different environments.

**MALIK Arun**

**Cell Biology and infection**

**Research entity:** arun.malik@pasteur.fr

**Research interests:**
- Cell biology
- Pathogen-host interactions
- Bioinformatics

**Relevant research topics:**
- We work on the host-pathogen interactions in the context of human health, with a special focus on pathogenic bacteria and fungi. We use a combination of functional genomics, structural biology, and metagenomics to understand the mechanisms that enable bacteria and fungi to adapt to different environments.

**SOMERSET Larry**

**Microbiology**

**Research entity:** larry.somerset@pasteur.fr

**Research interests:**
- Immunology
- Host-pathogen interactions
- Bioinformatics

**Relevant research topics:**
- We are focused in studying the bacterial cell wall and envelope biogenesis. We do structural biology, biochemistry and bacterial physiology of corresponding proteins involved in this process.
- We use the gained information to develop potential new therapeutic strategies. We also study the role of cell envelop components in the dialog between bacteria and the mammalian host immune system both during homeostasis and during infection (via non-transmissible diseases).
- Scientists with a focus on microbial physiology and biochemistry or on host-microbe interactions.

**GREGOR Thomas**

**Developmental and stem cell biology**

**Research entity:** thomas.gregor@pasteur.fr

**Research interests:**
- A possible assignment for the individual would be the generation of mammalian stem cell lines. To do this, he/she will work with an engineer in the unit to generate transgenic vectors with molecular biology methods (virus) and then insert them into the mammalian genome of mouse stem cells.

**SAMUELS David**

**Microbiology**

**Research entity:** david.samuels@pasteur.fr

**Research interests:**
- Genetics
- Pathogen-host interactions
- Bioinformatics

**Relevant research topics:**
- Our current projects aim to increase our understanding of (i) the genetic architecture of human populations, (ii) the occurrence of positive selection in the human genome; (iii) the genetic and epigenetic determinants of immunity-related traits, and (iv) the relationship between genetic diversity, epigenetic patterns and changes in lifestyle and habitat of human populations.

**SCHLOSS Paul**

**Microbiology**

**Research entity:** paul.schloss@pasteur.fr

**Research interests:**
- Cell biology
- Evolutionary biology
- Functional genomics

**Relevant research topics:**
- We work on the host-pathogen interactions in the context of human health, with a special focus on pathogenic bacteria and fungi. We use a combination of functional genomics, structural biology, and metagenomics to understand the mechanisms that enable bacteria and fungi to adapt to different environments.
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