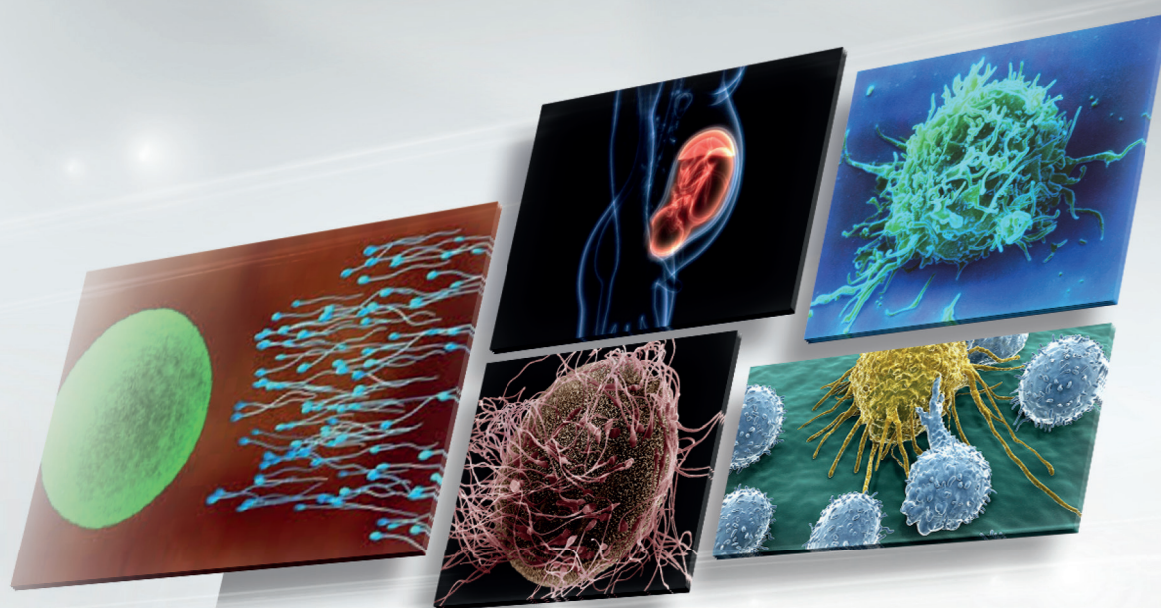




16TH
ESRI
CONGRESS

Annual Meeting of the European Society
for Reproductive Immunology

Du **29** mars
Au **01** avril **2022**



The early Immune dialogue between the embryo and the mother
Maternofoetal tolerance - recurrent miscarriages and environment
Immunology - preeclampsia and infection personalized reproductive medicine

Institut du Cerveau - ICM - *hôpital Pitié-Salpêtrière, 47 Bd de l'Hôpital, 75013 Paris*

International organizing committee :

Julia SZEKERES-BARTHO

Petra ARCK

Udo MARKERT

National organizing committee :

Nathalie LÉDÉE

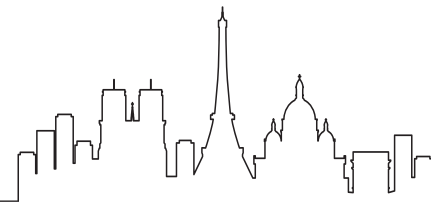
Thierry FOURNIER

Olivier SANDRA

Information and registration : www.len-medical.fr/esri

Organization : L.E.N. MÉDICAL - 56, bd de la Mission Marchand - CS 50062 - 92418 Courbevoie Cedex

EXPERTS



Petra	Arck, Hamburg
Kenneth	Beaman, Chicago
Sandra	Blois, Hamburg
Roberta	Bulla, Trieste
Ole Bjarne	Christiansen, Copenhagen
Guy Nino	Cassuto, Paris
Francesco	Colucci, Cambridge
Silvia	Daher, Sao Paulo brazil
Guillaume	Darrasse-Jèze, Paris
Céline	Davy, Paris
Severine	Degrelle, Paris
Anke	Diemert, Hamburg
Marie Noelle	Dieudonné, Villennes-sur-Seine
Esther	Dos Santos, Poissy
Michael	Eikmans, Leiden
Marijke	Faas, Groningen
Thierry	Fournier, Paris
René	Frydman, Paris
Brice	Gaudillière, Stanford
Satish Kumar	Gupta New, Delhi
Delphine	Haouzi, Montpellier
Odile	Heidmann, Paris
Udo	Jerschke, München
Gilles	Kayem, Paris
Alaa	Kazhalawi, Paris
David	Klatzman, Paris
Maciej	Kurpisz, Poznan

Joanne	Kwak-Kim, Chicago
Richard	Lea, Leicester
Edouard	Lecarpentier, Paris
Nathalie	Lédée, Paris
Udo	Markert, Jena
Andreas	Meinhardt, Giessen
Arsène	Mekinian, Paris
Marie-Pierre	Piccinni, Florence
Olivier	Picone, Paris
Mona	Rahmati, London
Pierre-Yves	Robillard, La reunion
Pierre	Roques, Paris
Nathalie	Rouas-Freiss, Paris
Olivier	Sandra, Paris
Steven	Schepanski, Hamburg
David	Sharkey, Adelaide
Julia	Szekeres-Bartho, Pecs
Ann-Christin	Tallarek, Hamburg
Anne	Tarrade, Paris
Bettina	Toth, Heidelberg
Vassilis	Tsatsaris, Paris
Daniel	Vaiman, Paris
Marigoula	Varla-Leftheriotis, Athens
Thomas	Vauvert F Hviid, Roskilde
David	Williams, London
Charles	Wira, New Hampshire
Julien	Zuber, Paris

Sanitary measures



Hydroalcoholic gel available



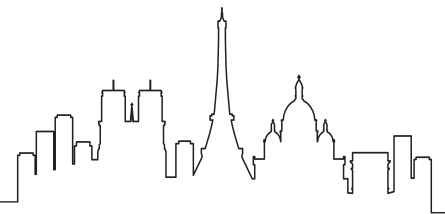
**Wearing the mask
obligatory indoors**



**Downloading the «TousAntiCovid»
application recommended**



The health pass control is required at the entrance of the event in operation for visitors, participants, staff, service providers and exhibitors. From January 15, 2022, the health pass will no longer be valid for people over 18 who have received their last injection is over seven months old.



Pour la première fois de son histoire, le prochain Congrès européen d'Immunologie de la Reproduction se tiendra en France à Paris du 29 mars au 1 avril à L'ICM. Le programme est très clairement translationnel, orienté pour favoriser la rencontre entre cliniciens et chercheurs afin de mieux construire ensemble l'innovation de demain.

Les meilleurs immunologistes internationaux se succèderont pour nous parler du dialogue immunologique essentiel entre l'embryon et sa mère et des conséquences. Des pathologies comme l'échec d'implantation, les fausses couches à répétition, l'accouchement prématuré ou la prééclampsie de même que l'impact de l'environnement seront disséqués sous un jour immunologique. Des avancées fantastiques permettent d'envisager des changements conceptuels majeurs qui auront des conséquences dans la médecine de demain tant en médecine de la reproduction qu'en obstétrique ou en santé publique.

Ce congrès couvrira ces champs nouveaux pour ouvrir l'horizon de nos pratiques médicales.

Le comité national et international de L'ESRI (*European Society of Reproductive Immunology*) vous invitent donc très chaleureusement au XVI^e Congrès d'Immunologie de la Reproduction. Venez nombreux !

For the first time in its history, the next European Congress of Reproductive Immunology will be held in Paris, France, from March 29 to April 1 at the ICM. The program is very clearly translational, oriented to promote the meeting between clinicians and researchers to better build together the innovation of tomorrow.

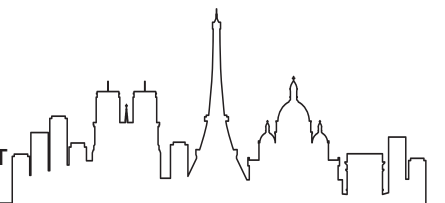
The best international immunologists will talk with us about the essential immunological dialogue between the embryo and its mother. Pathologies such as implantation failures, recurrent miscarriages, premature delivery or preeclampsia as well as the impact of environment will be dissected in an immunological light. Fantastic advances allow us to envisage major conceptual changes that will have consequences for tomorrow's medicine in reproductive medicine, obstetrics and public health. This congress will cover these new fields to open the horizon of our medical practices.

The national and international committee of the ESRI (*European Society of Reproductive Immunology*) warmly invite you to the XVIth Congress of Reproductive Immunology. Please come in great numbers !

AUDITORIUM

29TH TUESDAY MARCH 2022

DAY 0 MATERNOFETAL TOLERANCE - RECURRENT MISCARRIAGES AND ENVIRONMENT



16:00
16:30

WELCOME OF PARTICIPANTS

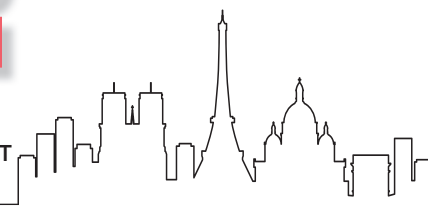
16:30
17:30

**OPENING CONFERENCE WELCOME SPEECH
HOMMAGE GERARD CHAOUAT**

30TH WEDNESDAY 2022 MARCH

AUDITORIUM

DAY 1 MATERNOFETAL TOLERANCE - RECURRENT MISCARRIAGES AND ENVIRONMENT



08:30
10:10

SYMPOSIUM I: THE EARLY IMMUNE DIALOGUE BETWEEN THE EMBRYO AND THE MOTHER

Chairs: Varla-Leftheriotis Marigoula | Udo Jerschke

Fetal-maternal immune interactions in pregnancy	<i>Julia Szekeres-Bartho</i>
Trophoblast immune cell dialogue via extracellular vesicles and non-coding RNA	<i>Udo Markert</i>
Preimplantation factor modulates trophoblastic invasion throughout the decidualization of human endometrial stromal cells	<i>Esther Dos Santos Marie Noelle Dieudonné</i>
Endogenous retroviruses and placenta	<i>Odile Heidmann</i>

10:10
10:30

COFFEE BREAK

10:35
12:25

SYMPOSIUM II: IMMUNOMECHANISM OF MATERNOFETAL TOLERANCE

Chairs: Marie Pierre-Piccinni | Eikmans Michael | Theodora Keramitsoglou

Repertory of circulating and uterine NK cells	<i>Francesco Collucci</i>
HLA-G : where are we?	<i>Nathalie Rouas-Freiss</i>
HLA-F and HLA-G in reproduction with a focus on fertility	<i>Thomas Vauvert F Hviid</i>
The possible role of IL-35 on the fetal allograft tolerance in human pregnancy	<i>Marie Pierre-Piccinni</i>

12:30
13:30

LUNCH

13:30
15:00

SYMPOSIUM III: RECURRENT MISCARRIAGES

Chairs: Ole Christiansen | Silvia Daher | Arsene Mekinian

Dendritic cells and Tregs interplay at the maternal-fetal interface	<i>Guillaume Darrasse-Jèze</i>
Circulating immune biomarkers and recurrent pregnancy loss	<i>Johanne Kwak-Kim</i>
IL-2 in recurrent miscarriages: rational and preliminary result	<i>David Klatzman</i>
Immune profiling and recurrent miscarriages	<i>Alaa Kazhalawi</i>

15:00
16:00

COFFEE BREAK : POSTER SESSION

16:00
18:30

SYMPOSIUM IV: PRETERM BIRTH AND IMMUNOLOGY

Chairs: Marijke Faas | Thierry Fournier

Association between biomarkers of the fetal immune system with birth weight and preterm delivery	<i>Anke Diemert</i>
HLA sensitisation and fetal losses	<i>Julien Zuber</i>
The potential interplay between the innate immune system and microbiota in uterine related pathology	<i>Roberta Bulla</i>
Selected oral presentation	

MatriceLAB
INNOVE

MatriceLAB
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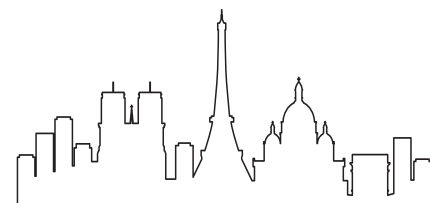
MERCK

FERRING
PHARMACEUTICALS

31TH THURSDAY 2022 MARCH

AUDITORIUM

DAY 2 IMMUNOLOGY – PREECLAMPSIA AND INFECTION



08:30
09:55

SYMPOSIUM I: PREECLAMPSIA BIOMARKERS

Chairs: Vassilis Tsatsaris | Pierre-Yves Robillard | Thierry Fournier

Galectin and preeclampsia	Sandra Blois
Stox-1 and preeclampsia	Daniel Vaiman
IFN, TORCH, IFITM and pregnancy	Thierry Fournier
Is secreted Corin a new marker of preeclampsia ?	Severine Degrelle

FERRING
PHARMACEUTICALS

10:00
10:30

COFFEE BREAK

10:30
12:10

SYMPOSIUM II: PREECLAMPSIA TREATMENTS

Chairs: Sandra Blois | Brice Gaudillière | Satish Gupta

Prevention of preeclampsia with aspirin. Where are we ?	Vassilis Tsatsaris
Specific apheresis of sFlt1 to treat preeclampsia	Edouard Lecarpentier
Pathophysiology and management of placental inflammatory syndromes	David Williams
HCG glycoforms: different sources of production for different biological functions throughout pregnancy	Thierry Fournier

FERRING
PHARMACEUTICALS

12:10
13:10

LUNCH

13:40
15:15

SYMPOSIUM III: EPIDEMIOLOGY AND LONG-TERM CONSEQUENCE OF PREECLAMPSIA

Chairs: Daniel Vaiman | Julia Skekeres-Bartho | Vassilis Tsatsaris

A few debates in 2020 about preeclampsia. News on late preeclampsia (after 34 weeks, 90% of cases)	Pierre-Yves Robillard
Early Origins of Neurodevelopmental Disorders	Steven Schepanski
Immune clockwork in healthy and pathological pregnancy	Brice Gaudillière

MatriceLAB
INNOVATION

15:15
16:15

COFFEE BREAK : POSTER SESSION

16:15
18:30

SYMPOSIUM IV: SARS COV-2 AND PREGNANCY

Chairs: Charles Wira | Gilles Kayem

Natural history of SARS-CoV-2 infection in pregnant women	Pierre Roques
Follow-up for pregnant women during the COVID-19 pandemic	Olivier Piccone
COVID-19 and intriguing placental data	Ann-Christin Tallarek
Treatment of immunomodulation during pandemia in case of recurrent miscarriage/ infertility	Joan kwak-Kim
Selected Oral presentation	

20:00

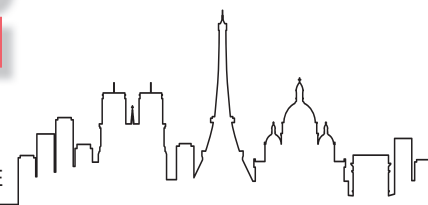
GALA DINER

Laboratoires
Genevri

01TH WEDNESDAY 2022

APRIL

AUDITORIUM



DAY 3

IMPACT OF ENVIRONMENT ON PREGNANCY AND PERSONALIZED REPRODUCTIVE MEDICINE

09:00
10:40

SYMPOSIUM I : IMPACT OF THE ENVIRONMENT ON PREGNANCY

Chairs : René Frydman | Olivier Sandra | Céline Davy

Prenatal environmental challenges and children's health: Mediators and mechanisms

Petra Arck

Impact of phthalates on human trophoblast differentiation and function

Severine Degrelle

Effect of pollution on gestation

Anne Tarrade

Reproductive function in a polluted world: lessons from animal models

Richard Lea

MERCK

10:40
11:00

COFFEE BREAK

11:00
12:30

SYMPOSIUM II : ENVIRONMENT AND MALE INFERTILITY

Chairs : Maciej Kurpisz | Bettina Toth | Satish Gupta

How immune cell phenotypes determine a region-specific immune response in the epididymis

Andreas Meinhardt

Molecular profiling of spermatozoa

NG Cassuto

Personalized medicine in treatment of azoospermia: HLA puzzle

Maciej Kurpisz

Role of seminal plasma exposure on implantation

David Sharkey

MERCK

12:30
13:30

LUNCH

13:30
15:45

SYMPOSIUM III: IMMUNOLOGY AND PERSONALIZED REPRODUCTIVE MEDICINE

Chairs : Petra Arck | René Frydman | Kenneth Beaman

The role of HLA and maternal-fetal histo-incompatibility in pregnancy outcome

Michael Eikmans

Clinical usage of endometrial testing : Experience of an "Implantation Clinic" in the UK

Mona Rahmati

Is the optimal time of embryo transfer need to be personalized: The Win-test

Delphine Haouzi

Immune profiling: results in extended cohort and preliminary result of the preconception randomized study

Nathalie Lédée

MatriceLAB
INNOVATION

15:45
16:10

COFFEE BREAK

16:10
17:00

SYMPOSIUM IV: SELECTED PRESENTATION AND PRIZE

Best selected scientific oral presentation

Best selected clinical oral presentation

- Prize Elsevier for young investigator

- Prize Elsevier for senior investigator

ABSTRACTS

[Submit your abstract : www.len-medical.fr/esri](http://www.len-medical.fr/esri)



How to submit

Authors may be allowed to submit their abstract online from December, 1st 2021 to January, 31 th 2022 without prior registration.

Final selection for oral or poster selection and publication would require the registration of at least 1 presenting author to attend the meeting and present the work.

Notification of acceptance

Notices of poster acceptance, oral presentations will be emailed to the submitting authors by March, 1 rst 2022

Publication

Accepted abstract will be published by Elsevier in Journal of reproductive immunology

Category: Basic research / clinical research

Thema: Immune dialogue and fetal tolerance/preterm birth/recurrent miscarriages/ preeclampsia/ reproductive medicine/impact of environment and Sars-Cov2 in pregnancy

Presentation preference: select oral only, oral or poster, poster only, invited speaker

For invited speaker- you should use the invited speaker option

Are you candidate for the young investigator award : yes or no ?

Abstract format requirement

Begin your abstract with the abstract title, author's names, and author's affiliations. Underline the name of the presenting author. Abstracts should be structured and consist of no more than 500 words, and organized into four paragraphs labeled: Problem, Method of Study, Results and Conclusions.

Abstract Title - Maximum 20 words. Please capitalize the first letter of the first word. The remaining words should not be capitalized.

Authors and affiliation - You must enter the names of ALL AUTHORS (including yourself if you are an author) in the order in which you wish them to appear in the printed journal text. You will also need to include their institution, city, state and country. Author's names entered in any other section will NOT be printed in the author index or the final program.

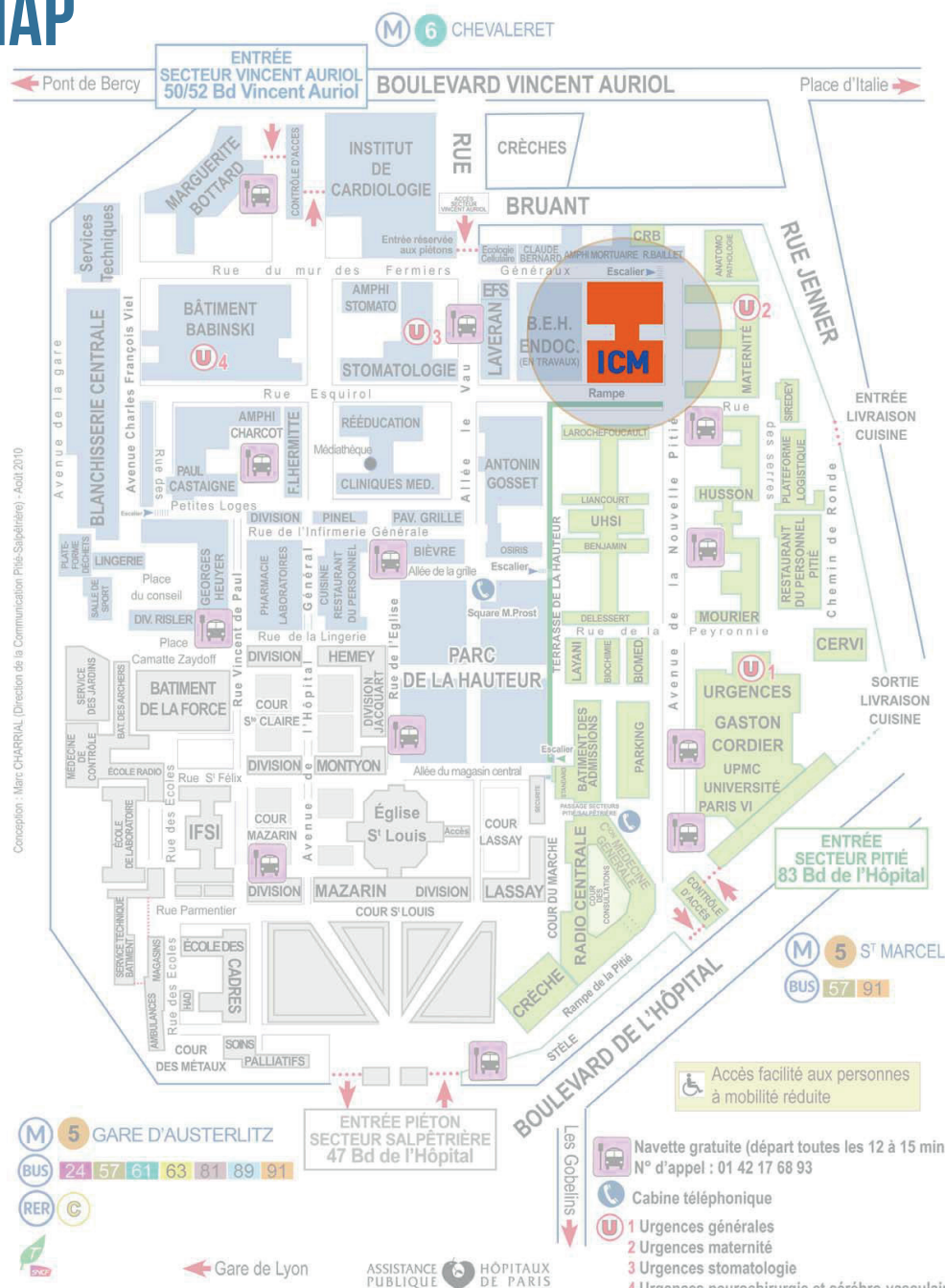
Abstract Body - Please include your abstract body below (max 500 words). No tables or images will be allowed. Your abstract must be organized into four separate paragraphs:

Problem / Method of Study / Results / Conclusions

Permissions - Acknowledge author's permissions and authorize publication online in the journal.

Registration - Confirm that at least 1 presenting author will register for and attend the meeting to present the work.

ACCESS MAP



Institut du Cerveau - ICM - hôpital Pitié-Salpêtrière, 47 Bd de l'Hôpital, 75013 Paris

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 CS 50062
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L.E.N. MEDICAL

