



RESEARCH
PROGRAM

WOMEN'S AND
COUPLES' HEALTH

Women's and Couples' Health Symposium 2025

November 24 and 25, 2025

Buffon Amphitheater, Université Paris-Cité
15 rue Hélène Brion, Paris 13th, France

Program - Monday November 24

13:30 Welcoming participants

14:00 Welcoming speeches - Didier Samuel, Thierry Galli, Jean Rosenbaum

14:15 Overview of the infertility consortium

Sakina Mhaouty-Kodja (Paris), Pierre Ray (Grenoble)



INFERTILITY
CONSORTIUM

14:35 Studying the developmental origins of fertility : insights from
mother-child cohorts - Ronan Garlantezec (Rennes)

14:55 Heat stress and fertility - Pascale Chavatte-Palmer (Jouy-en-Josas)

15:15 Epigenetic cue at the beginning of embryonic life - Jérôme Jullien (Nantes)

15:35 Endometriosis and Infertility: From Molecules to Motherhood

Andrew Horne (University of Edinburgh, UK)



KEYNOTE

16:20 Coffee break

16:50 PhD candidates flash talks

Lucille Berthet (Tours), Nastia Colin-Laignelet (Paris),
Élisa Nied (Strasbourg), Hugo Saavedra (Paris)



FLASH TALKS

17:10 Overview of the endometriosis consortium

Ludivine Doridot (Paris), German Cano Sancho (Nantes)



ENDOMETRIOSIS
CONSORTIUM

17:30 Toward Precision Surgery and Personalized Endometriosis Care
Through Multicentric, Multimodal and Predictive Data Integration
Krystel Nyangoh Timoh (Rennes), Adrien Bartoli (Clermont-Ferrand)

17:50 Estrogen signaling in endometriosis - Françoise Lenfant (Toulouse)

18:10 Digestive function disorders in endometriosis: Preclinical models
and human data - Michel Neunlist (Nantes)

18:30 Cocktail



RESEARCH PROGRAM
 WOMEN'S AND COUPLES' HEALTH

Women's and Couples' Health Symposium 2025

Program - Tuesday November 25,

8:30 Welcoming participants

9:00 **Programming, Transmission, and Therapeutic Perspectives in Polycystic Ovary Syndrome (PCOS)** - Paolo Giacobini (*Lille*)



INFERTILITY CONSORTIUM

9:20 **Genetic and functional exploration of the physiopathology of infertility at the gonadal level** - Sandrine Caburet (*Paris*)

9:40 **Genetics of male infertility from diagnosis to the molecular characterization of spermatogenesis** - Pierre Ray (*Grenoble*)

10:00 **Postdoctoral researchers flash talks**

Marie-Charlotte Dumargne (*Sophia-Antipolis*), Anastasia Dupré (*Bordeaux*), Noemi Monferini (*Milan*), Elvira Nikalayevich (*Paris*), Isabelle Stévant (*Montpellier*), Tony Zitti (*Paris*)



FLASH TALKS

10:15 **Endometriosis biomarkers: from theory to practice**
 Axelle Brulport (*Lyon*)



INVITED SPEAKER
ENDOMETRIOSIS

10:35 **Immuno-neuroendocrine regulation of the ovarian cycle in females**
 Sreekala Nampoothiri (*Lille*)



ENDOMETRIOSIS CONSORTIUM

10:55 **Netrin-1, a new therapeutic target in endometriosis**
 Agnès Bernet (*Lyon*)

11:15 Coffee break

11:45 **Bringing in the social: why we need interdisciplinarity in the study of in/fertility and endometriosis**
 Nicky Hudson (*De Montfort University, UK*)



KEYNOTE

12:30 **PhD candidates flash talks**

Florian Chaleil (*Clermont-Ferrand*), Élisabeth Dalbard (*Toulouse*), Valentine Fournier (*Paris*), Lisa Germain (*Grenoble*), Emmanuel Gonzalez Sqalli (*Lyon*), Kato Herman (*Marseille*), Margot Hully (*Paris*), Léo Lenhardt (*Paris*), Giulia Perrotta (*Strasbourg*), Astrid Vidal (*Clermont-Ferrand*)



FLASH TALKS

12:50 Lunch break



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Program - Tuesday November 25,

14:20 **Epidemiology of endometriosis in France: The EPI-ENDO project**
 Marina Kvaskoff (*Paris*)



EPI-ENDO
 PROJECT

14:40 [French] **L'AMP : un regard depuis les sciences sociales**
 Irène-Lucile Hertzog (*Caen*)



INVITED SPEAKERS
 HUMAN
 AND SOCIAL
 SCIENCES

15:00 **Age limits for the reimbursement of infertility treatments: policy responses to the rise in late births** - Marie-Caroline Compans (*Paris*)

15:20 [French] **Penser le récit familial en contexte de GPA transnationale**
 Margot Lherbet (*Paris*)

15:35 *Coffee break*

15:50 **Prospects for fertility preservation in prepubescent boys**
 Nathalie Rives (*Rouen*)



INFERTILITY
 CONSORTIUM

16:10 **Improving ART: understanding the role of genome spatial organisation in preimplantation development** - Corentin Mollier (*Paris*)

16:30 **Human 3D gonadal organoids to model reproductive disorders and infertility**
 Anu Bashamboo (*Paris*)

16:50 **X chromosome activity in early development : when dose matters**
 Claire Rougeulle (*Paris*)

17:10 **Round table** - Sakina Mhaouty-Kodja (*Paris*), Pierre Ray (*Grenoble*),
 Françoise Lenfant (*Toulouse*), Virginie Rozée (*Paris*), Cécile Vigneau
 (*Paris*), Louis Marcellin (*Paris*), Jean Rosenbaum



INFERTILITY AND
 ENDOMETRIOSIS



PROGRAMME
DE RECHERCHE

SANTÉ DES FEMMES
ET DES COUPLES

Session grand public du Symposium Santé des Femmes, Santé des Couples 2025

25 Novembre 2025, 18h45

Amphithéâtre Buffon, Université Paris-Cité,
15 rue Hélène Brion, Paris 13^e, France

Programme

17h40 Accueil des participant·e·s et session posters : découverte de projets de recherche portés par de jeunes chercheur·euse·s



SESSION
POSTERS

18h45 **Présentation du Programme de recherche France 2030 "Santé des Femmes, Santé des Couples"** - Jean Rosenbaum



18h55 **Introduction à la recherche** : présentation de la démarche scientifique, des différents types de recherche (recherche fondamentale, clinique, translationnelle) et du processus de validation des résultats pour publication - Jean Rosenbaum, Marina Kvaskoff



RECHERCHE
SCIENTIFIQUE

19h05 **Résultats marquants présentés au symposium** : retour avec des chercheur·euse·s sur les points clés des échanges scientifiques du Symposium Santé des Femmes, Santé des Couples - Ronan Garlantezec (*Rennes*), Françoise Lenfant (*Toulouse*)



RETOUR SUR
LE SYMPOSIUM

19h20 **Présentations flash de projets de recherche** - Elisa Nied (*Strasbourg*), Valentine Fournier (*Paris*), Astrid Vidal (*Clermont-Ferrand*) : présentations synthétiques de projets de recherche portés par de jeunes chercheuses.



PRÉSENTATIONS
FLASH

19h30 **Table ronde animée par des chercheur·euse·s, clinicien·ne·s et associations de patient·e·s** - Rachel Levy (*Paris*), Paolo Giacobini (*Lille*), Krystel Nyangoh Timoh (*Rennes*), Valérie Desplanches (*Paris*) et Virginie Rio (*Caen*)



TABLE RONDE

20h10 **Conclusion**



CONCLUSION



RESEARCH PROGRAM
 WOMEN'S AND COUPLES' HEALTH

Women's and Couples' Health Symposium 2025

Posters (1/5)

1 Impact of Splicing on Oocyte Development

H. Al Shami¹, A. Gordo Ortiz², C. Da Silva¹, M. Irimia², A. Al Jord², MH. Verlhac¹

¹Center for Interdisciplinary Research in Biology, Collège de France, CNRS, INSERM, Université PSL, Paris, France ;

²Center for Genomic Regulation, The Barcelona Institute of Science and Technology, Barcelona, Spain

2 Dimethormorph presence in human follicular fluid : first presence and impact in human granulosa cells

L. Berthet¹, C. Rame¹, F. Guérif^{1,2}, C. Racine³, N. Di Clemente³, P. Froment¹, J. Dupont²

¹INRAE, CNRS, Tours University, Physiology of Reproduction and Behavior unit, UMR085 Nouzilly, France ; ²CHRU de Tours, France ; ³Sorbonne Université, Inserm, Centre de Recherche Saint-Antoine (CRSA), UMR_S938, Paris, France ;

Institut Hospitalo-Universitaire ICAN, Paris, France.

3 OWLO's new 3D label-free imaging technology for assessing the maturation of cumulus oocyte

E. Giraudat¹, V. Barolle², F. Bureau², N. Guigui^{1,2}, P. Balondrade^{1,2}, Adrien Bachmeyer², M. Letheule^{3,4}, O. Dubois^{3,4}, S. Jean Rene^{3,4}, C. Burette^{3,4}, A. Badji Brocart^{3,4}, M. Simion^{3,4}, A. Aubry^{1,2}, A. Bonnet Garnier^{3,4}

¹PSL University, ESPCI, CNRS, Institut Langevin, France ; ²OWLO, France ; ³Université Paris-Saclay, UVSQ, INRAE, BREED, Jouy-en-Josas, France ; ⁴Ecole Nationale Vétérinaire d'Alfort, BREED, Maisons-Alfort, France

4 Interactions between the PKA pathway and SUMOylation: Impact on ovarian tissue and functional plasticity

F. Chaleil¹, D. Dufour², I. Sahut-Barnola¹, F. Poulat³, M. Tirard⁴, M. Kawakita⁵, H. de Thé⁵, A. Martinez¹, AM. Lefrançois-Martinez¹

¹GrED Institute, Clermont-Ferrand, France ; ²Institute of Basic Medical Sciences, Department of Molecular Medicine, Oslo, Norway ; ³Institute of Human Genetics, Montpellier, France ; ⁴Max Planck Institute of Experimental Medicine, Göttingen, Germany ; ⁵Collège de France/St. Louis Hospital, Paris, France

5 Optimization of in vitro spermiogenesis in the mouse model

E. Chemin¹, L. Moutard, M. Basille-Dugay, V. Rousseau, L. Dumont, N. Rives, A. Feraille, C. Rondanino

¹Université Rouen Normandie, Inserm, NORDIC UMR 1239, Rouen, France

6 High-throughput monitoring of human myometrial contractility

E. Huon¹, L. Zig¹, MC. Lamau², C. Abo², J. Kouby², J. Adam², N. R. Chevalier¹

¹Laboratoire Matière et Systèmes Complexes, Université Paris Cité CNRS, Paris, France ; ²Hôpital Paris Saint Joseph, Paris, France

7 Reaching a better understanding of endometriosis: impact of a genetic variant in familial cases of endometriosis

N. Colin-Laignelet¹, C. Abo², L. Marcellin², C. Méhats¹, I. Lalami¹, C. Chapron², R. Dragovic³, K. Zondervan³, D. Vaiman¹

¹Institut Cochin, Inserm, U1016, Equipe « Des gamètes à la naissance », Paris, France ; ²Hôpital Cochin, AP-HP, Service de Chirurgie Gynécologie Obstétrique, Paris, France ; ³Oxford Endometriosis Centre, Nuffield Department of Women's and Reproductive Health, University of Oxford, Oxford, United Kingdom

8 EndoTherapy: Development of an immunotherapy protocol for endometriosis

E. Dalbard¹, C. Lamalle¹, L. Nozeran¹, J. Tabiasco¹

¹Université de Toulouse, Inserm, CNRS, INFINITy – Toulouse Institute for Infectious and Inflammatory Diseases, Toulouse, France



= Research projects funded by the Women's and Couples' Health Research Program

Posters (2/5)

9 Effects of DEHP and BPA mixture through the food web on reproductive function and associated neural processes in female mice

E. Desroziers^{1,2}, J. Garai-Memery^{1,2}, M. Hal Hafez^{1,2}, A. Fuentes³, A. Maria³, D. Siaussat³, S. Mhaouty-Kodja^{1,2}

¹Sorbonne Université, CNRS, Inserm, Development, Adaptation and Ageing, Dev2A, Paris, France ; ²Sorbonne Université, CNRS, Inserm, Institut de Biologie Paris-Seine, IBPS, Paris, France ; ³Sorbonne Université, Université Paris-Est Créteil, INRAE, CNRS, IRD, Institute for Ecology and Environmental Sciences of Paris, iEES Paris, Paris, France

10 How ultra-processed foods threaten male fertility and the health of the next generation

MC. Dumargne^{1,2*}, V. George^{1,3*}, J. M. Preston^{1*}, A. Alintas¹, L. Wang^{1,2}, J. Iversen¹, A. Hufnagel¹, L. Hjort¹, J. Taylor¹, C. Sanchez², A. N. Hansen¹, L. Ångquist¹, S. Hermann⁴, J. M. Craig^{3,5,6}, S. Torekov⁷, C. Lindh⁸, K. S. Hougaard^{9,10}, M. A. Nóbrega¹¹, S. J. Simpson¹², R. Barrès^{1,2}

¹Novo Nordisk Foundation Center for Basic Metabolic Research, University of Copenhagen, Copenhagen, Denmark ; ²Université Côte d'Azur, CNRS, Inserm, Institut de Pharmacologie Moléculaire et Cellulaire, Valbonne, France ; ³IMPACT, The Institute for Mental and Physical Health and Clinical Translation, School of Medicine Deakin University, Geelong, VIC, Australia ; ⁴Department of Clinical Biochemistry, Copenhagen University Hospital, Rigshospitalet, Copenhagen, Denmark ; ⁵Murdoch Children's Research Institute, The Royal Children's Hospital, Parkville, VIC 3052, Australia ; ⁶Department of Paediatrics, The University of Melbourne, Parkville, VIC 3052, Australia ; ⁷Department of Biomedical Sciences, Faculty of Health and Medical Sciences, University of Copenhagen, Copenhagen, Denmark ; ⁸Division of Occupational and Environmental Medicine, Department of Laboratory Medicine, Lund University, 223 61 Lund, Sweden ; ⁹National Research Centre for the Working Environment, Copenhagen, Denmark ; ¹⁰Department of Public Health, University of Copenhagen, Copenhagen, Denmark ; ¹¹Department of Human Genetics, University of Chicago, Chicago, IL, USA ; ¹²Charles Perkins Centre, The University of Sydney, Sydney, NSW, Australia

11 Chronic Histiocytic Intervillositis – Impact of Immunomodulatory Treatments on Obstetrical Outcomes in a National Prospective cohort

A. Dupré¹

¹ImmunoConcEpT, CNRS, Université de Bordeaux

12 Heterogeneity and roles of fibroblasts in endometriosis and tumor progression

V. Fournier¹, Y. Kieffer¹, M. Revel¹, I. Damei¹, D. Peigney¹, F. Mechta-Grigoriou¹

¹Institut Curie, Stress and Cancer Laboratory, U1339 Inserm- UMR3666 CNRS, Equipe labélisée par la Ligue Nationale contre le Cancer, PSL Research University, Paris, France

13 The PePPER Study: Perceptions of Pelvic Pain and Endometriosis in divERse communities

C. Gamlin¹, K. Brennan, J. Burgin, Y. Pyne

¹University of Bristol (UK), Centre for Academic Primary Care

14 From tissue hormonal characterization to the development of an organoid model for studying the effects of estrogens and progesterone in endometriosis

A. Gargaros¹, P. Singla¹, M. Rusidze¹, N. Van Acker², S. Nguyen¹, A. Weyl^{1,3}, C. Fontaine¹, JF. Arnal^{1,2}, É. Chantalat^{1,3}, F. Lenfant¹

¹Inserm UMR 1297 - I2MC, Équipe EstER, CHU Rangueil, Toulouse, France ; ²Imag'IN Platform, Department of Pathology, CHU, IUCT-Oncopole, Toulouse, France ; ³Département de chirurgie gynécologique, CHU Toulouse Rangueil, France

15 Impact of the metabolic environment on endometrial epithelial cell epigenome and invasive phenotype

L. Germain¹, Guillermo Orsi¹, Saadi Khochbin¹

¹CNRS UMR 5309/Inserm U1209/Université Grenoble-Alpes/Institute for Advanced Biosciences, La Tronche, France

16 Prevalence and correlates of neuropathic pain in the ComPaRe-Endometriosis cohort

P. Goffin¹, S. Gouesbet¹, Z. Breton¹, H. Amazouz¹, VT. Tran², M. Kvaskoff¹

¹Université Paris-Saclay, UVSQ, Inserm, Gustave Roussy, CESP, Villejuif, France ; ²Université de Paris, CRESS, Inserm, INRA, Paris, France.

Posters (3/5)

17 Wearable-derived temperature allows to confirm ovulation and extract menstrual metrics at different reproductive stages

M. Gombert-Labedens¹, E. Alzueta¹, E. Perez-Amparan¹, O. Kiss¹, A. Morehouse², K. Simon², S. Mednick², F.C. Baker^{1,3}

¹Center for Health Sciences, SRI International, Menlo Park, CA, USA ; ²Department of Cognitive Science, University of California, Irvine, CA, USA ; ³Brain Function Research Group, School of Physiology, University of the Witwatersrand, Johannesburg, South Africa

18 Dynamic expression and functional roles of macroH2A in the cricket *Gryllus bimaculatus*

E. Gonzalez-Sqalli¹, M. Caron¹, B. Loppin¹

¹Laboratoire de Biologie et Modélisation de la Cellule, École Normale Supérieure de Lyon, CNRS UMR5239, Université Claude Bernard Lyon 1, Lyon, France

19 [French] Impact des réseaux sociaux sur la démocratie en santé : Le cas du syndrome des ovaires polykystiques

E. Heluin^{1,2}

¹SOPK Europe ; ²Sorbonne Université

20 Innervation of the Female Reproductive System: 3D Mapping and Functional Insights

K. Herman¹, L. Vilvandre¹, F. Mann¹, P. Durbec¹

¹Aix-Marseille University, CNRS, IBDM, Marseille, France

21 Importance of X chromosome dosage compensation for embryo implantation and early cell fate decisions

M. Hully¹, R. Facchinello¹, E. Lecarpentier², L. David³, JF. Ouimette¹, C. Alfeghaly¹, C. Rougeulle¹

¹DIG-Cancer, CNRS UMR3244, Sorbonne Université, PSL University, Université Paris Cité, Institut Curie, Centre de Recherche, Paris, France ; ²Institut Cochin, Paris, France ; ³Nantes Université, CHU Nantes, INSERM, Center for Research in Transplantation and Translational Immunology, UMR 1064, Nantes, France

22 From serosa to endometrium: mapping contractility across the uterine wall in uterine disorders

E. Huon¹, L. Zig¹, MC. Lamau², C. Abo², J. Kouby², J. Adam², N. R. Chevalier¹

¹Laboratoire Matière et Systèmes Complexes, Université Paris Cité CNRS, Paris, France ; ²Hôpital Paris Saint Joseph, Paris, France

23 Application of in silico methods to identify new small molecule inhibitors of IL-1 α / β interactions with IL-1R1 for the treatment of endometriosis

G. Martino¹, N. Lagarde¹

¹Laboratoire Génomique, Bioinformatique et Chimie Moléculaire, EA7528 - CNAM, Paris

24 Developing a complex ex vivo scaffold free endometrial tissue model using innovative methods

D. Le Quéré¹, C. A. Marquette², L. Essayan², G. Dubernard^{1,3}, CA. Philip^{1,4}, A. Brulport¹

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25 Mechanisms of kinetochore assembly in *C. elegans* oocytes

L. Lenhardt¹, L. Bellutti², L. Guedon¹, G. Maton¹, J. Dumont¹

¹Université Paris Cité, CNRS, Institut Jacques Monod ; ²CEA, Institut de biologie François Jacob

26 Behavioral effects of developmental exposure to a human breastmilk chemical mixture in male mice

M. Letard¹, C. Maladin¹, A. Proost-Matencio¹, E. Desroziers¹, S. Mhaouty-Kodja¹

¹Sorbonne Université, CNRS UMR 8263, Inserm U1345, Development, Adaptation & Aging - Institut de Biologie Paris Seine, Team Neuroplasticity of Reproductive Behaviors, Paris, France

Posters (4/5)

27 Comorbidity Profiles in Endometriosis: New Perspectives From the ComPaRe-Endometriosis Cohort

N. M. Mokraoui¹, A. Naji¹, A. Bayle¹, S. Gouesbet¹, Z. Breton^{1,2}, VT. Tran^{3,4}, H. Amazouz¹, M. Kvaskoff¹

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³Center for Clinical Epidemiology, Hôtel-Dieu Hospital, Assistance Publique-Hôpitaux de

Paris (AP-HP), 1 Place du Parvis Notre Dame, Paris, France ; ⁴Université de Paris, CRESS, Inserm, INRAE, Paris, France

28 Study of oocyte maturation in the follicular environment

N. Monferini¹, C. Thomas¹

¹IBDM – Institut de Biologie du Développement de Marseille, CNRS - UMR 7288, Aix-Marseille Université, Marseille, France

29 Association between circulating persistent organic pollutants and endometriosis diagnosis in a French population-based cohort

S. Naudin¹, F. Romana Mancini¹, R. Pommereuil², B. Le Bizec², JP. Antignac², M. Kvaskoff¹, G. Cano-Sancho²

¹Université Paris-Saclay, UVSQ, Inserm, Gustave Roussy, CESP, 94800, Villejuif, France ; ²Oniris, INRAE, LABERCA, Nantes, France

30 Tick Tock of the Female Reproductive Clocks: Per2 Expression under Circadian Disruption

E. Nied¹, S. Dumont-Kientzy¹, P. Vuillez¹, V. Simonneaux¹

¹Institute of Cellular and Integrative Neuroscience CNRS UPR 3212, Strasbourg, France

31 Impact of the actin cortex organization on the oocyte developmental potential

E. Nikalayevich¹

¹Collège de France, Paris, France

32 The CNOT11 Subunit of the CCR4-NOT Complex is indispensable for meiotic cell division

G. Perrotta¹, N. Vernet¹, K. Krasnikov², F. Beret¹, M. Klopfenstein¹, D. Condrea¹, S. Nef², F. Mauxion¹, N. B. Ghyselinck¹

¹Department of functional genomics and cancer, Institute of Genetics and Molecular and Cellular Biology (IGBMC), Strasbourg, France ; ²Department of Genetic Medicine and Development, University of Geneva, Geneva, Switzerland

33 Impact of low- or moderate-risk gonadotoxic chemotherapy prior to testicular tissue freezing on somatic cells density, maturity and functionality in (pre)pubertal boys testicular tissue

V. Rousseau^{1,2}, N. Rives^{1,2,3}, H. Dupuis^{1,2,3}, C. Necuis³, M. Dufour^{1,2,3}, M. Basille-Dugay^{1,2}, E. Chemin^{1,2}, C. Rondanino^{1,2}, A. Feraille^{1,2,3}, L. Dumont^{1,2}

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(AGoPath), Rouen, France ; ²Normandie, Institute for Research and Innovation in Biomedicine (IRIB), Rouen, France ;

³Rouen University Hospital, Biology of Reproduction-CECOS laboratory, Rouen, France

34 Bridging nucleus and cytoplasmic regulation: SPIN1 in the oocyte-to-embryo transition

H. Saavedra¹, HA. Teissandier¹, D. Bourc'his¹

¹Institut Curie, Inserm U934, CNRS UMR3215, PSL Research University - Team Epigenetic decisions and reproduction in mammals, Paris, France

35 Between chronification and personalization: challenges and institutionalization of multidisciplinary care for endometriosis

C. Schaer¹

¹STS Lab, ISS, FBM & SSP, University of Lausanne

Posters (5/5)

36 Excessive cortical contractility triggers early oocyte polarisation and aberrant cytoplasmic flows in mammals

A. Shihabi¹, E. Neiva^{1,2}, G. Letort³, S. Madhavi¹, R. Bulteau¹, H. Turlier¹, M. Yahiatene⁴, X. Pollet-Villard⁴, MH. Verlhac¹, ME. Terret¹

¹Center for Interdisciplinary Research in Biology (CIRB), Collège de France, Université PSL, CNRS, Inserm, Paris, France ; ²Department of Fluid Mechanics, Universitat Politècnica de Catalunya, BarcelonaTech (UPC), Barcelona, Spain ; ³Department of Developmental and Stem Cell Biology, Institut Pasteur, CNRS UMR 3738, Université Paris Cité, Paris, France ; ⁴Centre Assistance Médicale à la Procréation Natalliance, Groupe Mlab, Pôle Santé Oréliance, Saran, France

37 Establishing an Endometriosis cell atlas to decipher the pathophysiological role of stem cells and estrogens in the disease

P. Singla¹, A. Gargaros¹, E. Riant², S. Nguyen¹, A. Weyl^{1,3}, C. Fontaine¹, E. Labit⁴, L. Basso⁴, É. Chantalat^{1,3}, F. Lenfant¹

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38 Epigenetic control of ovarian maintenance

I. Stévant¹, L. Sitkiewicz¹, G. Granès¹, S. Déjardin¹, F. Poulat¹

¹Institute of Human Genetics, UMR 9002 CNRS - Université de Montpellier, Montpellier, France

39 EndoSurgAI: Clinical and experimental evaluation of an Integrated Artificial Intelligence and Augmented Reality System to improve SURGical management of ENDOMetriosis

A. Vidal^{1,2}, N. Bourdel^{1,2,3}, A. Bartoli^{1,4,5}

¹Université Clermont Auvergne, EnCoV, Institut Pascal, UMR 6602 CNRS, SIGMA Clermont, Clermont-Ferrand, France ; ²Inserm, CIC 1405 CRECHE Unit, CHU Clermont-Ferrand, Department of Gynecological Surgery, Clermont-Ferrand, France ; ³CHU Clermont-Ferrand, Department of Gynecologic Surgery, CHU Estaing, Clermont-Ferrand, France ; ⁴SURGAR (Surgical Augmented Reality Research Group), Clermont-Ferrand, France ; ⁵Department of AI and Medical Applications Research, CHU Clermont-Ferrand, France

40 EndoMigr: Exploring the life experiences and care trajectories of immigrant women from sub-Saharan Africa suffering from endometriosis and living in France

T. Zitti¹

¹CEPED, IRD, Inserm, Université Paris Cité, Université Sorbonne Paris Nord, Paris, France

41 Development and Real-World Evaluation of a Digital Therapeutic to Support Individuals Living with Endometriosis

Z. Breton¹, C. Segal¹, M. Pinault¹, P. Panel², M. Alexaline¹

¹Lyv Healthcare, Nantes, France ; ²Department of Gynecology-Obstetrics, Centre Hospitalier de Versailles, Le Chesnay-Rocquencourt, France

42 Akkermansia muciniphila reduce lesion growth in endometriotic mouse under pro-inflammatory diet

C. Robert¹, H. Chanfreau-Paris¹, M. Thomas¹, R. Bartkowski¹, K. Bouzid¹, C. Delaroque², B. Chassaing², G. Parpex^{1,3}, L. Marcellin^{1,3}, L. Doridot¹

¹Université Paris Cité, Institut Cochin, Inserm, CNRS, Paris, France ; ²Microbiome-Host Interactions, Institut Pasteur, Université Paris Cité, Inserm U1306, CNRS UMR6047, Paris, France ; ³Département de Gynécologie, Obstétrique Et Médecine de La Reproduction, AP-HP, Centre Hospitalier Universitaire (CHU) Cochin, Paris, France.