



COLLOQUES &
CONFÉRENCES

Polish-French Seminar on New Molecular Mechanisms of the Female Reproductive Functions

27 October 2023

Polish Academy of Sciences Scientific Center in Paris

Agnieszka Rak

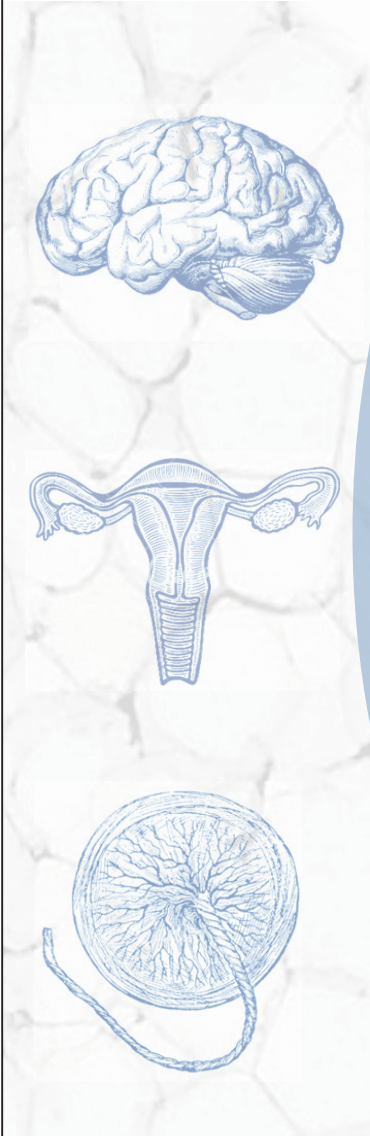
Jagiellonian University

On 27 October 2023, the Polish – French Seminar on New Molecular Mechanisms of the Female Reproductive Functions took place at the Polish Academy of Sciences Scientific Center in Paris, co-organized by the PAS Scientific Center in Paris and the Faculty of Biology of the Jagiellonian University in Krakow. The event was inaugurated by the Director of PAS Scientific Center in Paris, Magdalena Sajdak, PhD, along with Professors Joelle Dupont from INRAE in France and Agnieszka Rak from Jagiellonian University in Krakow.


The Seminar summarized the results of jointly conducted research under projects funded by the National Science Centre in Poland: SONATA BIS (2021/42/E/NZ4/00088), OPUS (2020/37/B/NZ9/01154) and PRELUDIUM (2020/37/N/NZ9/00981), the Ministry of Education and Science in Poland: Diamond Grant (DI2019011049) and the Région Centre Val de Loire in France: HAPOFERTILITY (32000496). Presentations were given mainly by young scientists and PhD students pursuing their theses in Poland and France. The realization of a joint Polish-French doctorate in the *cotutelle* system was also discussed. The plenary lecture was given by an eminent biologist – Anna Szóstek-Mioduchowska, PhD, from the Institute of Animal Reproduction and Food Research of the Polish Academy of Sciences in Olsztyn and Anthony Estienne, PhD, from Montreal University. An interesting presentation was also given by Mr Michał Surowski (Excellence in Science Department, Polish Academy of Sciences), who talked about

the funding opportunities for ERC grants. The seminar had a hybrid character.

At the end of the symposium, the possibilities of scientific programs and cooperation between scientists from Poland and France were discussed and joint new scientific projects were planned.




POLISH - FRENCH SEMINAR ON NEW MOLECULAR MECHANISMS OF THE FEMALE REPRODUCTIVE FUNCTION


27 OCTOBER 2023
9 AM - 5 PM 

Polish Academy of Sciences
Scientific Center in Paris 
74 Rue Lauriston
75116 Paris


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INRAE

Affiche

 PROGRAMME

27/10/2023

- 09:00–09:10 WELCOME SPEECH
Magdalena Sajdak (Polish Academy of Sciences Scientific Center in Paris)
Joelle Dupont (INRAE)
Agnieszka Rak (Jagiellonian University in Kraków)
- 09:10–09:40 Invited speaker – dr hab. Anna Szóstek Mioduchowska (Institute of Animal Reproduction and Food Research of Polish Academy of Science in Olsztyn, Poland)
ONLINE
The interaction between immune cells and extracellular matrix
- 09:40–09:50 DISCUSSION
- 09:50–10:05 Dominika Wachowska (Jagiellonian University in Kraków)
Expression and role of asprosin in the mouse brain
- 10:05–10:20 Aleksandra Greggio (Jagiellonian University in Kraków)
Role of resistin in the mouse hippocampal neuronal HT22 cells
- 10:20–10:35 Natalia Respekta (Jagiellonian University in Kraków)
Omentin role in the porcine pituitary cells

- 10:35–10:45 DISCUSSION
- 10:45–11:00 COFFEE BREAK
- 11:00–11:15 Karolina Pich (Jagiellonian University in Kraków)
Effect of omentin on the porcine ovarian follicular cells function
- 11:15–11:30 Patrycja Kurowska (Jagiellonian University in Kraków)
Adropin as a new marker on human granulosa cells physiology and pathology. In vitro study
- 11:30–11:45 Ewa Mlyczyńska (Jagiellonian University in Kraków)
New insights on the porcine corpus luteum function: role of visfatin and phoenixin-14
- 11:45–12:00 Monika Dawid (Jagiellonian University in Kraków)
Adipokines in the human placenta: expression and endocrine effect in JEG-3/BeWo cell lines and villous explants from third-trimester human pregnancy
- 12:00–12:10 DISCUSSION
- 12:10–13:30 LUNCH BREAK
- 13:30–13:45 Michał Surowski (Excellence in Science Department, Polish Academy of Sciences)
ERC Grants: outline and support

- 13:45–14:00 Ophélie Bernardi (INRAE)
Adipokines in hen reproductive tract
- 14:00–14:15 Mathias Freville (INRAE)
Adipokines in chicken digestive tract
- 14:15–14:30 Loïse Serra (INRAE)
Adipokines involved in pesticides effect on reproductive tract?
- 14:30–14:45 Ina Kallianioti (INRAE)
Expression and role of GLUT5 in male reproductive tract?
- 14:45–14:55 DISCUSSION
- 14:55–15:15 COFFEE BREAK
- 15:15–15:45 Invited speaker – Anthony Estienne, PhD (Montreal University) ONLINE
Evolution of plasma adipokines after human bariatric surgery
- 15:45–15:55 DISCUSSION
- 15:55–16:10 Niama Wejden (INRAE)
Role of plant extracts on ovarian functions: in vivo and in vitro studies
- 16:10–16:25 Mathilde Daudon (INRAE) ONLINE
Role of FNDC5 in bovine theca cells

- 16:25–16:40 Oliwia Szkraba (Jagiellonian University in Kraków)
In vitro effect of vaspin on the mouse hypothalamic cells
- 16:40–17:00 DISCUSSION & CONCLUSION OF THE SEMINAR