

TROISIEME REUNION DU RESEAU INRAE-EV NETWORK

19 SEPTEMBRE 2025
siège de l'INRAE, 47 rue de l'Université-PARIS

INSCRIPTION GRATUITE ET OUVERTE A TOUS
DANS LA LIMITE DES PLACES DISPONIBLES



Inscription

GUEST SPEAKERS



**Wilfrid Boireau, DR-CNRS,
FEMTO-ST Institute**

*Multi modal & multi-scale analytical
platform for EVs
characterizations*



Mathilde Mosser
Maitre de conférences
Oniris VetAgroBio/IECM, INRAE
*Scalable Production of Spheroid-Derived
Small Extracellular Vesicles*



**Anne Burtey,
CR-INRAE,
UMR GABI, INRAE**
*Detection of titanium nanoparticles
in human, animal and infant formula milk*



Lionel Navarro
DR-CNRS
ENS-Paris, IBENS
*Vesicular and non-vesicular extracellular
small RNAs in a
plant-interacting bacterium*



Regis Stentz
Quadram Institute, UK
*bacterial extracellular vesicles as key
mediators in gut microbiota-host
interactions*

Organisateurs: Laurent Galio (Dept-PHASE), Sophie Rome (Dept-ALIMH), Eric GUEDON (Dept-MICA)

PROGRAMME

9:15: ACCUEIL (matin)

9: 30: Wilfrid Boireau, DR-CNRS, FEMTO-ST Institute (Guest speaker) *Multi modal & multi-scale analytical platform for EVs characterizations : case study on polycyclic aromatic hydrocarbons exposure on endothelial cells*

10:10: Anne Burtsey, CR-INRAE, UMR GABI-INRAE, Jouy-en-Josas (Guest speaker) *Detection of titanium nanoparticles in human, animal and infant formula milk*

10: 50: Vincent Prieur, PhD student, **UMR Herbivore, Theix** (Short talk) *Protéome des vésicules extracellulaires plasmatiques de génisses croisées lait-viande : quels liens avec leurs phénotypes de production ?*

11:05: PAUSE CAFE

11:20: Regis Stentz, Quadram Institute, UK (Guest speaker) *Unveiling the dialogue: bacterial extracellular vesicles as key mediators in gut microbiota-host Interactions*

12:00: Jean-Marc Chatel, MICA-Jouy en Josas (Short talk) *Production, purification et caractérisation des vésicules extracellulaires de la bactérie intestinale Faecalibacterium duncaniae*

12:15: Anaïs Halbert , INRAE UMR-1280 PhAN, Nantes (Short talk) *Dissociated responses of extracellular vesicle yields of primo-colonising G+ bacteria in gut-like conditions and vesiculogenesis*

12:30: Sandrine Truchet, INRAE, AgroParisTech, Micalis (Short talk) *Visualization of the Biogenesis, Dynamics, and Host Interactions of Bacterial Extracellular*

12:45: Eric Guédon MICA INRAE) *Quand Staphylococcus aureus communique pour nuire : rôle des vésicules extracellulaires dans la pathogénèse* (Short talk)

PAUSE REPAS (13h-14h30)

14:15 ACCUEIL (Après-midi)

14:20 : SPONSOR'S TALKS



14: 30: Lionel Navarro, DR-CNRS, ENS-Paris, IBENS (Guest speaker) *Vesicular and non-vesicular extracellular small RNAs direct gene silencing in a plant-interacting bacterium*

15: 10: Celine Lavire, MdC, Ecologie microbienne- Lyon (Short Talk) *Implication des vésicules extracellulaires dans l'écologie des phytobactéries*

15:25: Mathilde Mosser, MdC, Oniris VetAgroBio/IECM INRAE (Guest speaker) *Scalable Production of Spheroid-Derived Small Extracellular Vesicles Using Bioreactors and a Centrifugation-Free Purification Process*

16:05: Apolline SALAMA (Oniris-INRAE/Nantes) (Short talk) *Immune responses mediated by extracellular vesicles in the lymph node microenvironment*

16:20: Liam Barry-Carroll (Post-doc NutriNeuro, Alimh INRAE-Bordeau) (Short talk) *Omega-3 deficiency affects content and function of brain-derived extracellular vesicles*

16:35: Laurent-Emmanuel Monfoulet (Alimh, UNH, INRAE-Clermont) (Short talk) *Nutritional regulation of extracellular vesicles - Implication of dietary polyphenols*

16:50: Xavier LERAY, Biologie des Oiseaux et Aviculture, Nouzilly (Short talk) *Transport de calcium vésiculaire pour la formation de la coquille d'oeuf de poule*

17:05 Cloture