

---

**Meeting Agenda – Thessaloniki 27-28 September 2018**  
**Meeting Location: The Aristotle University Dissemination Center**

**27th September 2018**

9:00 – 9.30: **Coffee, Registration to the PiGutNet Meeting**

9.30 - 9.45: **Welcome from Prof. Spyridon Kritas, Head of the Department of Microbiology and infectious Disease**

9.45 – 10.00: **General Introduction to the meeting activities**

10.00 – 12.30: **Session I** - Challenge and opportunity derived from the Microbiome based studies.

**Chair persons:** *Prof. Mick Bailey*

10.00 – 10.30: **Mick Bailey**, Adoption of new and modified technologies:  
future proofing our experiments

10.30 – 11.00: **Ilias Lagkouvardos**, Advances in microbiome NGS data integration and analytics pipelines

11.00- 11.30: **Coffee break**

11.30 – 12.00: **Stéphanie Blanquet-Diot**, Development of an in vitro model of the weaning piglet colon

12.00 – 12.30: **ROUND TABLE**

12.30 – 14.00: **Light lunch**

**14.00 – 17.00: Session II** – Dietary vs Management: impact on the animal gut health, What can we expect from them?

**Chair persons:** *Prof. Susana María Martín-Orúe and Jan-Erik Lindberg*

14.00 – 14.30: **Francesc Illas**, Positive experiences of antimicrobial reduction in the pig industry: Practical Management and Dietary examples.

14.30 - 15.00: **Mick Bailey**, Early life environment on the development of immunity and resistance to gut disease

---

15.00 – 15.30: **Coffee break**

15.30 – 16.00: **Thomas Thyman**, Prenatal and neonatal gut maturation: dietary factors modulating gut homeostasis

16.00 – 16.30: **Ester Arevalo Sureda (ECI –work from a STSM)**, Bioactive milk components to secure growth and gut development in preterm pigs

16.30 – 17.00: **ROUND TABLE**

17.00 – 18.00: **Core group meeting**

19.30: **Dinner together**

---

**28th September 2018**

8.30 – 9.00: **Registration to the PiGutNet Meeting**

9.00 - 10.00: **MC meeting**

**10.00 – 12.30: Session III** – The main drivers that influence the crosstalk between pig and gut microbiome

*Chair persons: Prof. Charlotte Lauridsen and Dr. Jordi Estelle*

10.00 – 10.30: **Charlotte Lauridsen**, Interaction between host and nutrition – factors of importance for dysbiosis and post-weaning diarrhea.

10:30 – 11.00: **Jordi Estelle**, Lessons learned from the immunity –genetic

11.00 - 11.30: **Coffee break**

11.30 – 12.00: **Diana Luise (ECI –work from a STSM)**, Effect of FUT1 and MUC4 genes on gut homeostasis of healthy pigs in post-weaning phase

12.00 – 12.30: **ROUND TABLE**

12.30 – 14.00: **Light lunch**

**14.00 – 17.30 Session IV** – Interaction between drugs and the microbiome

*Chair persons: Prof. Dimitrios PAPADOPOULOS*

14.00 - 14.30: **Georgios Delis**, Administration of antibiotics in animals: influence on gut microbiota composition and antimicrobial resistance emergence

14.30 – 15.00: **Christine Citti**, Pathobiome: concept and future challenges for animal health

15.00 – 15.30: **Coffee break**

15.30 - 16.00: **Jürgen Zentek**, Zn and Cu and AMR in pigs

16.00 – 16.30: **Stefan Schwarz**, New and emerging antimicrobial resistance properties of bacteria from pig

16.30 – 17.00: **Paola Lopez Colom (ECI –work from a STSM)**, Longitudinal studies of antibiotics use in Irish pig farms and data handling

17.00 – 17.30: **ROUND TABLE**

**End of the meeting**