

Poultry Physiologist - R&D

Aviwell is seeking a **Poultry Physiologist** (Doctorate/Ph.D.) with **experience in the poultry sector** for projects involving research in poultry physiology i.e. growth and feeding control, intestinal microbiome, and integrative multi-omics studies. You will be part of an expert multidisciplinary team working on development of novel live microbial products for animals at our new facilities in Toulouse White Biotechnology (TWB). You will be developing research to understand the physiological role of gut bacteria on the control of energy metabolism in chickens (food intake, energy expenditure, energy storage mechanisms). If you are looking to strengthen your expertise within a varied and dynamic environment, then this is a fantastic opportunity.

Aviwell is a biotech company based on the physiological and molecular understanding of how the microbiome controls animal growth (chicken, pigs, aqua). We have developed our scientific strategy on the physiological concept of the gut-brain axis which controls the fate of energy disposal, along with the major role played by gut microbiota through Natal Imprinting™ on the influence of animal growth and development.

Aviwell seeks a Ph.D. scientist to integrate with our Discovery team for identification of physiological mechanisms, under the control of microbial candidates, thereby controlling the gut-brain axis and hence energy metabolism. The candidate will understand the biology and the molecular control of energy metabolism in poultry. The candidate will understand the corresponding scientific literature and will set experimental procedures to validate the hypotheses in vivo. Partnership with academic laboratories and industrials will be part of the strategy.

Summary of Job Responsibilities:

- You will be involved in all aspects of the poultry research and development programs in addition to contact with CRO, suppliers, potential private and academic partners
- You will drive all the aspects of an R&D program: research, cost, intellectual property, regulatory (FDA/EFSA)
- You will interact with the bioinformatics, biostatistics, and microbiology plateaus of the company
- You will report to the CSO and CTO and assist in daily management of technicians

Qualifications and Experience:

- Minimum Education: Ph.D. poultry physiology/biology or strongly related discipline
- At least 3 years of demonstrated experience in the Agriculture/Biotechnology sector
- Expertise in poultry production for food; experience in other systems a strong plus (swine, aqua)
- Knowledge of microbiology and biostatistics will be a plus
- Fluent in English, professional level French is a plus

Skills:

- Work effectively with international teams; verbal and written communication is effective with multi-disciplinary groups.



- Work is well-organized, high-quality, and timely.
- Able to balance concurrent tasks and responsibilities.
- Bring creative ideas and make suggestions for program optimization.

The position is available as a CDI and the salary will be competitive with bonus opportunities depending on experience. Qualified applicants will be quickly invited for interviews. The expected start date for the position is June 2021.

This position can also be posted on LinkedIn and Indeed to facilitate application.

Applicants must provide a "Cover Letter" describing their experience and background. Each file name should include the name of the applicant first (e.g. "surname_CV.pdf") and be sent by email with the subject "Poultry Physiologist" to: Recruitment@aviwell.fr