

Topics of WWC 2027

Economy of production and perspectives:

- Production, consumption and market of duck meat, “foie gras” and eggs

Breeding and genetics, selection, conservation, reproduction:

- End of cages and parental assignment
- Breeding and management of geese
- Breeding and selection in egg-type and meat-type ducks (genome, phenotyping....)
- Application of automation and information communication technologies on duck egg and duckling production

Biosafety of production, diseases and prevention:

- Assessment of vaccination against avian influenza
- NHEO vaccination of geese
- Management of digestive microbiota and gut health

Feeding and management:

- Feeding and management of duck breeders
- Alternatives to overfeeding procedure
- Pastoralism systems in Asian countries

Welfare and behaviour:

- Feeding behaviour and control of feed ingestion of duck
- Evaluation of duck welfare: challenges

Environnemental and societal impacts:

- Reducing the environmental impact of duck production: challenges
- Adaptations to climate change (rearing and overfeeding conditions, equipment, genetic)
- Livestock and agroforestry
- Measures to reduce carbon emission during duck production

Quality and safety of food products (eggs, meat, “foie gras”, feathers and down):

- Production and use of feathers and down. How is controlled the quality of these products?
- Is it possible to predict and to reduce the melting rate, a major determinant of the quality of “foie gras”?
- Effects of breeding, nutrition and management on duck egg quality.
- Utilization of duck eggs and development of new products
- Assessment of feathers and down quality