



Sophie TESSERAUD

Senior scientist,
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Curriculum Vitae

Sophie Tesseraud is a senior scientist working in the Research Unit URA (Poultry research unit) of INRA (French Institute for Agronomic research). Agronomist engineer and PhD in Biological Sciences, this scientist specialized in metabolism and nutrition, joined INRA in 1986 to develop research projects on protein metabolism.

Head of the research Team 'Metabolism of birds, quality and adaptation' from 2002, she is involved in programs on mechanisms regulating metabolism with the aim to control animal growth, body composition and meat quality and to adapt animals to livestock conditions (including heat stress). This research is focused on the study of energy and protein metabolism as well as muscle biology. Its impact on product quality, adaptation to livestock conditions, and more generally on the efficiency of poultry meat production is considered in integrative programs involving applied research. More specifically, Sophie Tesseraud conducts research on physiological adaptation and nutritional strategies in birds, roles and functions of amino acids and fatty acids, and mechanisms controlling the balance between protein synthesis and proteolysis. She has published more than 95 publications in international peer-reviewed journals and is the Co-director of the branch Physiopathology and technologies for health in the Doctoral School 'Health, Biological Sciences and Life Chemistry' (ED 549, SSBCV) - University of Tours-Orleans