

The scientific activity of Massimo Zerani is documented by papers published in international scientific journal. The main research interest is the physiology of reproduction in lower and higher vertebrates. In the last years, he has focused his research interest on the mechanism regulating the life-span of the corpus luteum. In particular, the research activity concerns the gene, molecular, and cellular mechanisms that regulate the function of corpus luteum during the different luteal phases, by using in vivo and in vitro experimental models.

Experimental approaches spanning from molecular biology, for the study of gene and protein expression, to hormonal assays by RIA and ELISA, from immunohistochemistry techniques, for the cellular localization of hormones and their receptors, to culture in vitro, for the study of intra cellular signal transduction pathways.

Bibliometric indicators (Scopus)

Total Publications: 125

Sum of the Times Cited: 2064

h-Index: 27