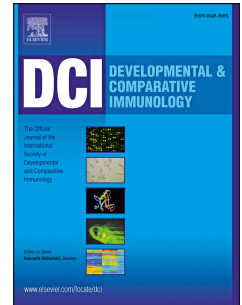


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Oestrogen, an evolutionarily conserved regulator of T cell differentiation and immune tolerance in jawed vertebrates?

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Keywords: thymus; spleen; head-kidney; teleost; regulatory T cell; gamma-delta T cell

Abbreviations: AIRE, autoimmune regulator; APC, antigen-presenting cell; E2, 17 β -oestradiol; EE2, 17 α -ethinylestradiol; ETP, early thymic progenitor; FOXN1, forkhead-box n1; FOXP3, forkhead-box p3; H₂DCFDA, 2',7'-dichlorodihydrofluorescein diacetate; GSI, gonado-somatic index; HSI, hepato-somatic index; K, Fulton's condition factor; MFI, Mean Fluorescent Intensity; MHC, major histocompatibility complex; P_i, inorganic phosphorus; PCNA, proliferating cells nuclear antigen; PMA, phorbol 12-myristate 13-acetate; RAG1, recombination activating gene 1; ROS, reactive oxygen species; SSI, spleno-somatic index; TCR, T cell receptor; TEC, thymic epithelial cell; Treg, T regulatory cell; TSA, tissue specific antigen

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