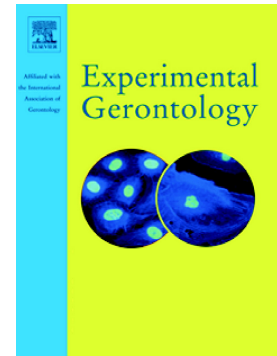


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Abbreviations used: ARID, Age Related Immune Differences; CD40L, CD40 ligand; CTLA-4, cytotoxic T lymphocyte antigen-4; IL, interleukin; Lag3, lymphocyte activation gene 3; MDSC, myeloid derived suppressor cell; MHC, major histocompatibility complex; mTOR, mammalian target of rapamycin; PD-1, programmed death-1; PD-L1, programmed death ligand-1; Tim3, T-cell immunoglobulin and mucin-domain containing-3; TNF- α , tumor necrosis factor- α ; Treg, regulatory T cell

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