

# Impact of tumor infiltration by DCs and other immune cells on patient survival

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Immune cells are present inside tumor tissue and can alter tumor growth. Expression profiles of human tumors hold transcripts from cancer cells and their microenvironment, including the infiltrating immune cells. Few standardized methods examine tumor immunobiology using tumor transcriptome data. To unravel effects of immune cell populations and functional pathways on patient survival, we designed a new R analysis workflow called AMOCATI. We classified 35 cancer types from 10,046 patients according to the degree of infiltration by 18 distinct immune cell subsets including most subsets of dendritic cells and calculated their effect on survival...  
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Keywords : Cancer, Infiltration, dendritic cells, inflammation, tolerance, Transcriptomic

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