ABSTRACT

Research in the Walczak Laboratory is focused on cell death and ubiquitin in inflammation, cancer and immunity. The lab is particularly interested in unravelling the mechanisms on how different death receptor-ligand systems such as the TNF and TRAIL systems are regulated and how they impact cancer cell survival, cancer-related inflammation and immunity. The research aims are to develop novel cancer therapies by specifically inducing cancer cell death and by therapeutically directing the type of death induced in cancer cells to convert cancer-related inflammation from being immune-regulatory to enabling the immune system to recognise and kill cancer cells.

http://www.ucl.ac.uk/cancer/research/department-cancer-biology/cell-death-cancer-and-inflammation-group

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