

Dr Li Jia

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Research Interests

My main research areas are the effects of the inflammatory microenvironment on disease progression and resistance to treatment in haematological B-cell malignancies.

My research group focuses on:

- The roles of inflammatory microenvironment on malignant B-cell survival and resistance to novel anti-cancer drugs;
- The impact of soluble inflammatory factors and their receptors on prognosis and clinical outcomes for patients with chronic lymphocytic leukaemia;
- Soluble inflammatory factor-mediated intracellular signalling network in malignant B-cells.

Major Funders

- Kay Kendall Leukaemia Fund, UK
- National Natural Science Foundation, China
- CONACyT, (National Council of Science and Technology)
Mexico Department of Health

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Recent Publications

- CD126 and Targeted Therapy with Tocilizumab in Chronic Lymphocytic Leukemia. Liu FT, **Jia L**, Wang P, Farren T, Li H, Hao X, Agrawal SG. *Clin Cancer Res*. 2016; 22(10):2462-9.
- STAT3 and NF- κ B cooperatively control in vitro spontaneous apoptosis and poor chemo-responsiveness in patients with chronic lymphocytic leukemia. Liu FT, **Jia L**, Wang P, Wang H, Farren TW, Agrawal SG. *Oncotarget*. 2016;7(22):32031-45.
- Rituximab-induced HMGB1 release is associated with inhibition of STAT3 activity in human diffuse large B-cell lymphoma. Zhao T, Ren H, Wang X, Liu P, Yan F, Jiang W, Li Y, Li J, Gribben JG, **Jia L**, Hao J. *Oncotarget*. 2015; 6(29):27816-31.
- Dynamin-related protein Drp1 is required for Bax translocation to mitochondria in response to irradiation-induced apoptosis. Wang P, Wang P, Liu B, Zhao J, Pang Q, Agrawal SG, **Jia L**, Liu FT. *Oncotarget*. 2015;6(26):22598-612.
- Dysregulation of autophagy in human follicular lymphoma is independent of overexpression of BCL-2. McCarthy A, Marzec J, Clear A, Petty RD, Coutinho R, Matthews J, Wilson A, Iqbal S, Calaminici M, Gribben JG, **Jia L**. *Oncotarget*. 2014; 5(22):11653-68.
- Extracellular HMGB1 promotes differentiation of nurse-like cells in chronic lymphocytic leukemia. **Jia L**, Clear A, Liu FT, Matthews J, Uddin N, McCarthy A, Hoxha E, Durance C, Iqbal S, Gribben JG. *Blood*. 2014 Mar 13;123(11):1709-19.