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Granted patents:

- 1) Novel binding site of IKK-beta. Australian Innovation Patent No. 2013101130; Granted on 5 Sept 2013.
- 2) Development of a new formula overcoming thymus atrophy with concomitantly enhancement of anti-inflammatory effect of dexamethasone, Australian Innovation Patent No. 2014100379; Granted on 1 May 2014.
- 3) Development of a new formula overcoming thymus atrophy with concomitantly enhancement of anti-inflammatory effect of dexamethasone, US Utility Patent No. 9,018,196; Granted on 28 Apr 2015.
- 4) Isoliquiritigenin suppresses human T lymphocyte activation via targeting on cysteine 46 of I B Kinase. Australian Innovation Patent No. 2015100662; Granted on 28 May 2015.
- 5) Limonoids for treating autoimmune diseases field. Australian Innovation Patent No. 2017100026; Granted on 9 Jan 2017.
- 6) Method to treat anaphylactoid reaction; Australian Innovation Patent No. 2017100973; Granted on 17 July 2017.
- 7) Method of treating rheumatoid arthritis. Australian Innovation Patent No. 2017101103; Granted on 14 August 2017.
- 8) Method of treating an autoimmune disease. Australian Innovation Patent No. 2017101742; Granted on 12 Dec 2017.
- 9) Transgenic model for delay-type hypersensitivity (DTH) and use thereof, US Utility Patent No 9,955,676; Granted on 2 May 2018.

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- 1) Yang F Su X, Pi J, Liao K, Zhou H, Sun Y, Liu J, Guo X, Jiang J, Jin H, Cai J, **Li T**[#], Liu L[#], Atomic force microscopy technique used for assessment of the anti-arthritic effect of licochalcone A *via* suppressing NF-
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- 2) **Li T**
- 3) Su X*, **Li T**^{*}, Liu Z, Huang Q, Liao K, Ren R, Lu L, Qi X, Wang M, Chen J, Zhou H, Leung EL, Pan H, Liu J, Wang H, Huang L, Liu L. Licochalcone A activates Keap1-Nrf2 signaling to suppresses arthritis via phosphorylation of p62 at serine 349. Free Radic Biol Med. 2017 Dec 9. pii: S0891-5849(17)31236-4. (*co-first author).
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- 8) Chen Y. N., Li H. F., Li M. F., Niu S., B., Wang J. X., Shao H., W., **Li T**[#], **Wang H**[#]. Salvia miltiorrhiza polysaccharide activates T Lymphocytes of cancer patients through activation of TLRs mediated -MAPK and -NF-
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- 11) Yan FG, Yang F, Wang R, Yao XJ, Bai LP, Zeng X, Huang JJ, Wong VK, Lam CW, Zhou H, Su XH, Liu J, **Li T**[#], Liu L[#] Isoliquiritigenin suppresses human T lymphocyte activation via covalently

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