# From the cosmological lithium problem to the Galactic lithium evolution

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Lithium is widely used as a tester to the cosmological model, a probe of stellar structure, and an age indicator of young stellar clusters. It is the very element that presents deep insights yet many problems to astrophysics. I will first introduce a stellar solution to the cosmological Li problem, which reveals that Li was first destroyed and re-accumulated by these stars shortly after they were born, then discuss the different Li enrichment histories in the Galactic thick and thin discs. The newly-found Li decline for super-solar metallicity stars will also be discussed. if this decline is real, Li would be the first element we know whose absolute abundance declines with metallicity.