

## Graphical abstract highlights

### **Children of Asian ethnicity in Australia have higher risk of food allergy and early onset eczema than those in Singapore**

Noor H. A. Suaini, Evelyn Xiu-Ling Loo, Rachel L. Peters, Gaik Chin Yap, Katrina J. Allen, Hugo Van Bever, David J. Martino, Anne Eng Neo Goh, Shyamali C. Dharmage, Marjorelee T. Colega, Mary Foong Fong Chong, Anne-Louise Ponsonby, Kok Hian Tan, Mimi L. K. Tang, Keith M Godfrey, Bee Wah Lee, Lynette Pei-Chi Shek, Jennifer J. Koplin#, Elizabeth Huiwen Tham#\*

#joint senior authors

- Prevalence of food allergy and early onset eczema is lower in Singaporean Asian children than Australian Asian children.
- Only 5.7% of Singaporean children with early onset eczema also had food allergy compared to 32.6% of Australian children of Asian descent.
- More Australian Asian children had delayed peanut consumption and higher maternal consumption of egg and peanut during pregnancy while more Singaporean Asians had siblings, exposure to tobacco and delayed egg consumption.