

Research Award:

Assessment of Bronchial Hyper-reactivity in the Isle of Wight Birth Cohort at 26-years to Support Characterisation of Asthma Remission and Persistence from Childhood to Adulthood.

Awarded to: Ramesh J Kurukulaaratchy **Amount:** £10,000

Lay summary

The Isle of Wight Cohort (containing 1456 subjects) was established in 1989 to study the natural history of asthma. It has been followed regularly in the 1st 26-years. This proposal supported a sub-study to assess bronchial hyper-responsiveness via bronchial challenge tests in a subset of these subjects. Data collection is still ongoing and to date around 100 participants have completed bronchial challenge testing. The resulting findings will help assess the later outcomes of asthma patterns in the 1st 18-years with the aim of better understanding what is associated with loss or persistence of asthma. Understanding how people outgrow asthma could help direct future treatment development with potential to hugely benefit the 5 million asthma sufferers in the UK.

The data generated from this study will be analysed on completion of data collection with a view to supporting characterisation of the Isle of Wight Birth Cohort at 26-years of age.
