

ALLERGY, GENETICS

A NEW RESEARCH ROUTE FOR FIGHTING ALLERGY?

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Sci Immunol today shows an incomplete genetic reconstitution of B cell pools after measles infection.

Using B cell receptor (BCR) sequencing of human peripheral blood lymphocytes before and after MeV infection, we identified two immunological consequences from measles underlying immunosuppression: (i) incomplete reconstitution of the naïve B cell pool leading to immunological immaturity and (ii) compromised immune memory to previously encountered pathogens due to depletion of previously expanded B memory clones.

This “immune amnesia” is noteworthy as sensitivity to D pter was observed less frequent in children with a history of measles than in those without.

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