ALLERGY, GENETICS

A NEW RESEARCH ROUTE FOR FIGHTING ALLERGY?

1.11.2019

<u>Sci Immunol</u> 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 con- sequences 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 <u>was observed less frequent</u> <u>in children</u> with a history of measles than in those without.

CC-BY-NC Science Surf 1.11.2019, access 18.10.2025 ☐