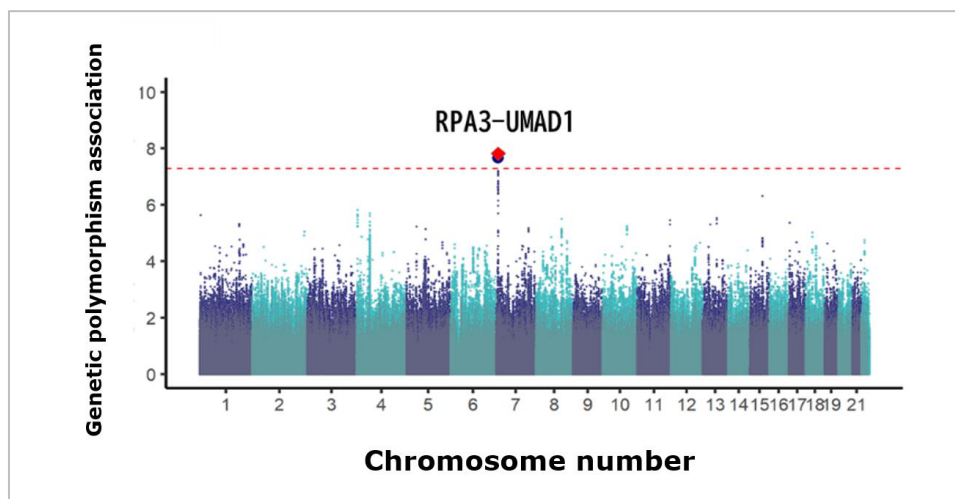


Association of the RPA3-UMAD1 locus with interstitial lung diseases complicated with rheumatoid arthritis.

It is known that the mortality rate of rheumatoid arthritis patients increases due to complications from interstitial pneumonia.

The research group led by Yukinori Okada (Graduate School of Medicine, Osaka University/Statistical Immunology, IFRc) revealed the following;

- Using genome-wide association analysis (GWAS) for 5,000 rheumatoid arthritis patients, a gene region RPA3-UMAD1 was identified to be related to interstitial pneumonia associated with rheumatoid arthritis.
- RPA3-UMAD1 is strongly associated with the chest CT image pattern of pulmonary fibrosis.
- This research is expected to contribute to elucidating the pathology of interstitial pneumonia associated with rheumatoid arthritis.



RPA3-UMAD1 on the chromosome 7 is related to interstitial pneumonia.

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