

# USING GENETICS TO STUDY THE DIVERSITY OF AUTISM



A STUDY BY CARDIFF UNIVERSITY FOCUSED ON 16P11.2 AND 22Q11.2 GENETIC CONDITIONS AND FOUND MANY INDIVIDUALS WITH THESE CONDITIONS MEET AUTISM DIAGNOSIS CRITERIA.

31

RESEARCHERS

8

INTERNATIONAL  
RESEARCH SITES

547

INDIVIDUALS WITH  
GENETIC CONDITIONS

Individuals with genetic conditions who did not meet strict autism criteria, still experienced clinically important autism symptoms



Each genetic condition had its own unique autism symptom profile, but there was a lot of overlap indicating that clinical support could be grouped for different genetic conditions.

Individuals with 16p11.2 and 22q11.2 conditions had an increased likelihood of having autism, it is therefore important that individuals with these conditions are able to access autism diagnostic and support services.

This work indicates that individuals with different genetic conditions could benefit from the same clinical service, rather than separate autism support for different conditions.

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