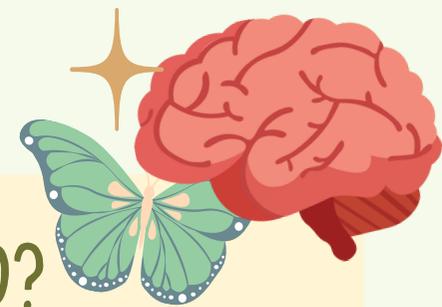


# AUTISM AND ADHD IN YOUNGER SIBLINGS



## WHAT ARE AUTISM AND ADHD?

- Autistic people communicate differently, have repetitive behaviors, and passionate interests
- People with ADHD may interrupt conversations and have trouble focusing and waiting their turn

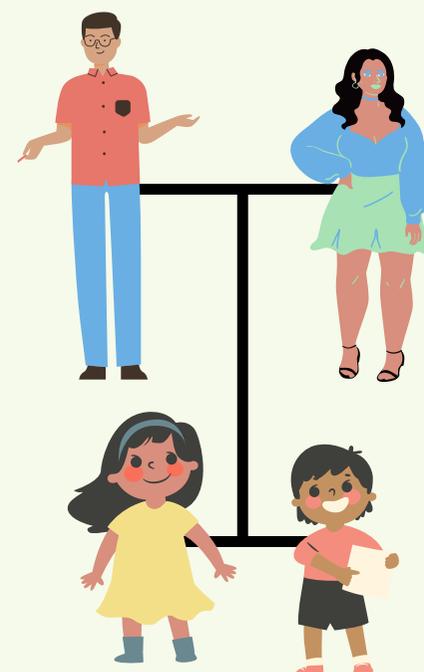
## FAMILY LIKELIHOOD FOR AUTISM AND ADHD

- A 2018 study by Meghan Miller and colleagues set out to understand the likelihood that younger siblings of children with autism or ADHD would be diagnosed with either condition
- There had been no prior studies about the rates of ADHD in younger siblings

## ARE YOUNGER SIBLINGS OF CHILDREN WITH AUTISM OR ADHD MORE LIKELY TO HAVE EITHER OF THESE CONDITIONS, AS COMPARED TO CHILDREN WITHOUT A FAMILY HISTORY?

### METHODS

Diagnoses of autism and ADHD were collected from medical records



## RESULTS

Younger siblings of autistic children

**30X** more likely to have autism\*

**3.7X** more likely to have ADHD\*

Younger siblings of children with ADHD

**4X** more likely to have autism\*

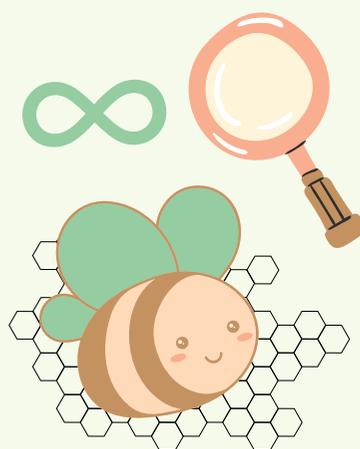
**13X** more likely to have ADHD\*

Autism or ADHD Diagnosis 

\*Compared to children without a family history of either condition

## IMPORTANCE

- Doctors and parents should watch children with a family history more closely for signs of both conditions
- Early identification will help children get support sooner



## FUTURE DIRECTIONS

More research on younger siblings of children with autism and ADHD is needed to better understand how the conditions overlap and become different from each other early in life

