Did you know the gut & brain are connected?

The **microbiome** is a term used to describe all the microorganisms that live within and on our bodies. Researchers have discovered an association between conditions in the gut (the gut microbiome) and neurological disease.

**Alzheimer Disease (AD)** is the most common cause of dementia and is characterized by a progressive decline in cognitive functioning including memory, language, and problem-solving skills. The underlying cause of AD is still not well understood.

We at UBC are researching the gut and oral microbiome and its connection to AD. We are hopeful that this research will contribute to the development of better treatments that can stop or modify this disease.

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**How can I Participate?**

We are looking for individuals:

- Diagnosed with Alzheimer Disease
- Aged 50-85
- Sufficient hearing, visual and language abilities to complete study procedures
  - **Healthy volunteers are also welcome to participate as controls**

**What is Involved?**

- One study visit (~3 hours)
  - Clinic for Alzheimer Disease & Related Disorders, Djavad Mowafaghian Centre for Brain Health, UBC Hospital
- Questionnaires, blood and oral swab collection
- Faecal sample collected at home using provided instructions and a user-friendly collection kit

**Who do I Contact?**

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Microbiome & Alzheimer Disease Research  
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