

# Parkinson's disease and the microbiome of the gut and nose

## PURPOSE OF THIS STUDY:

There is a new theory that Parkinson's disease may start in the gut, but research is limited. The purpose of this study is to better understand the association between Parkinson's disease and the bacteria and fungi living in the gut and nose.

## WHO CAN PARTICIPATE?

People with typical Parkinson's disease (PD) and REM Sleep Behaviour Disorder (RBD), as well as healthy control individuals between the ages of 40-80.

## WHAT IS INVOLVED?

A 2-hour study visit including questionnaires, a clinical assessment of symptoms of Parkinson's disease, and 4 biological samples: a blood sample, swab of the nose, swab of the mouth, and a fecal sample (which can be completed at home and mailed to UBC).

## CONTACT INFORMATION:

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## STUDY TIME/DURATION

Recruitment is ongoing and may end in December, 2017.

## STUDY LOCATION

Djavad Mowafaghian  
Centre for Brain Health,  
UBC.

## PRINCIPAL INVESTIGATOR

Dr. Silke Cresswell  
Neurologist, Movement  
Disorder Specialist,  
Assistant Professor, UBC  
Neurology  
VCH Research Institute  
Affiliated Investigator

To learn more about this study, visit [vchri.ca/participate](http://vchri.ca/participate)



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