

Blood-based measures of Parkinson's disease

Were you diagnosed with Parkinson's disease three or more years ago?

If so, you may be eligible for a study to identify a biological marker (biomarker) of Parkinson's. The study aims to develop a way to measure how well treatment is working in an individual and to identify people with Parkinson's at early stages for treatment.

STUDY DETAILS:

- **What is the goal of this study?** This study aims to further examine a type of T-cell, an immune cell in the blood, found to appear in about half of people with Parkinson's disease (PD) and only rarely in age-matched control volunteers. This type of T-cell may be a biomarker of PD. A biomarker is a substance or characteristic in our bodies that is associated with the presence of disease or that changes over time in a way that can be linked to the progression of disease. These biological measures will help develop treatments for Parkinson's, particularly therapies that could slow or stop progression.
- **Who might benefit from this research?** If successful, this research will benefit people with PD through earlier diagnosis and as a means to detect how well treatments are working.
- **Who qualifies for the study?** Individuals over age 50 who were diagnosed between ages 47 and 75 are eligible to participate. Individuals must have had PD for at least three years. We are also seeking healthy individuals over age 50, including partners of patients.
- **What is involved if I participate?** During one visit to the Parkinson's clinic at the University of California San Diego or Rush University, volunteers will provide a 30cc blood donation (a typical blood donation is 500cc), have several clinical assessments and take written surveys.
- **Will I be compensated for participation?** Participants will receive \$30 compensation for travel and parking.

If you are interested in participating or want to learn more,
please contact the UCSD Movement Disorder Center
at (858) 822-MOVE or mdcresearch@ucsd.edu.

