Accepted Manuscript

Mendel and urate: Acid test or random noise?

Ethan G. Brown, Samuel M. Goldman, Caroline M. Tanner

PII: S1353-8020(18)30335-3

DOI: 10.1016/j.parkreldis.2018.08.005

Reference: PRD 3745

To appear in: Parkinsonism and Related Disorders

Received Date: 4 August 2018

Accepted Date: 6 August 2018

Please cite this article as: Brown EG, Goldman SM, Tanner CM, Mendel and urate: Acid test or random noise?, *Parkinsonism and Related Disorders* (2018), doi: 10.1016/j.parkreldis.2018.08.005.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Mendel And Urate: Acid Test Or Random Noise?

Ethan G. Brown^{1,2}, Samuel M. Goldman^{1,3,4}, Caroline M. Tanner^{1,2,5}

¹Department of Neurology, University of California – San Francisco, San Francisco, California ²Department of Neurology, Weil Institute for Neurosciences, University of California – San Francisco, San Francisco, California

³ Division of Occupational and Environmental Medicine, University of California – San Francisco, San Francisco, California

⁴Medical Service, San Francisco Veterans Affairs Health Care System, San Francisco, California ⁵Parkinson's Disease Research, Education and Clinical Center, San Francisco Veterans Affairs Health Care System, San Francisco, California

Corresponding author: Caroline M Tanner MD PhD Movement Disorders and Neuromodulation Center 1635 Divisadero St., Suite 520-530 San Francisco CA 94115 Caroline.tanner@ucsf.edu

Disclosures:

Dr. Brown receives grant support from Biogen IDEC.

Dr. Goldman receives grant support from the Michael J. Fox Foundation, the Department of Defense, NIOSH, Biogen IDEC, UCSF Academic Senate, Marcus Program in Precision Medicine Innovation.

Dr. Tanner receives grants from the Michael J. Fox Foundation, the Parkinson's Disease Foundation, the Department of Defense, Biogen IDEC, BioElectron, Roche/Genentech and the National Institutes of Health, compensation for serving on Data Monitoring Committees from Voyager Therapeutics and Intec Pharma and personal fees for consulting from Neurocrine Biosciences, Adamas Therapeutics, 23andMe and PhotoPharmics.

WORDS: 1940

Key Words: Parkinson's disease; urate; Mendelian Randomization; etiology

Download English Version:

https://daneshyari.com/en/article/8955908

Download Persian Version:

https://daneshyari.com/article/8955908

Daneshyari.com