

# Members Obtain Free CE Credits from JCP Articles!



## ***MAO-B and COMT Genetic Variations Associated with Levodopa Treatment Response in Patients With Parkinson's Disease***

July 2018 – *The Journal of Clinical Pharmacology (JCP)*

### ***Why is this article important to you?***

Learners that complete this course will be able to identify the influence of MAO-B and COMT SNPs on the therapeutic response of levodopa.



### **ACPE Accreditation Statement**

The American College of Clinical Pharmacology is accredited by the Accreditation Council for Pharmacy Education (ACPE) as a provider of continuing pharmacy education.

**UAN: 0238-0000-18-034-H01-P** – ACPE 1 Contact Hours

**Activity Type:** Knowledge-based **Format:** Home-study **Target Audience:** 'P'



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### **ACCME Accreditation Statement**

The American College of Clinical Pharmacology is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

### **ACCME Designation Statement**

The Accreditation Council for Continuing Medical Education designates this journal CE activity for 1 *AMA PRA Category 1™* credit. Physicians should only claim credit commensurate with the extent of their participation in the activity.

### **Target Audience**

Interprofessional team of Physicians, Pharmacists, PhDs, Nurse Practitioners and Physician Assistants.

### **Learning Objectives**

After completing this activity, the learner will be able to:

- 1) Describe the influence of MAO-B and COMT SNPs in relation to dyskinesia;
- 2) Identify clinical variables that correlate with higher levodopa dose;
- 3) Identify genetic biomarkers predictive of response to levodopa dose and adverse effects;
- 4) Describe the influence of sex on dopamine metabolism and its effect on Parkinson's Disease treatment.

### **Requirements to Receive Credit**

In order to receive CE credit, the learner must register for the educational activity, study the provided journal article, complete the online learning self-assessment (post-test), complete the online course evaluation and print the certificate.

**Disclosures:**

Article Selection: Joseph Bertino, PharmD, FCP, FCCP, Editor-in-Chief, JCP: Owner, Bertino Consulting Inc, has nothing to disclose.

Planner: Shaun Kumar, PhD, BMedSc Postdoctoral Research Associate, Univ of Utah, Dept of Pediatrics, Div of Clinical Pharmacology, developed the continuing education portion of this activity (target audience, goals and objectives and questions with solutions) and has nothing to disclose.

CE Reviewer: Vineet Goti, PhD, Pharmacometrician/Pharmacokineticist, Nuventra Inc, has nothing to disclose.

**Schedule & Fees**

JCP monthly Journal CE articles are generally released on the 1<sup>st</sup> or 2<sup>nd</sup> Tuesday of each month. They are priced in packages of Jan - Dec for each year. Packages are available at no cost to ACCP Members and \$75/calendar year to Non-members. Once you register, you have access to all of the Journal CE articles for the calendar year.

**Acknowledgement of Financial Support**

No financial support was received for this educational activity.

**Home Study Initial Release and Expiration Dates**

**Date of Issuance:** 6/28/2018

**Expiration Date:** 6/28/2021

**Online Location:**

[https://accp1.org/Members/Continuing\\_Education/Journal\\_CE/ACCP1/4Continuing\\_Education/Journal\\_CE.aspx](https://accp1.org/Members/Continuing_Education/Journal_CE/ACCP1/4Continuing_Education/Journal_CE.aspx)