

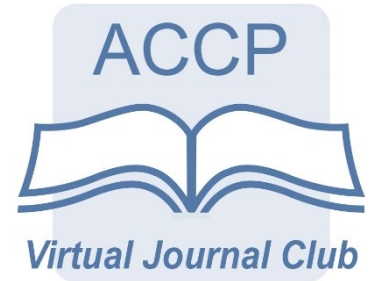
# Attendees Obtain Free CE Credits from ACCP Virtual Journal Club Webinars!

**Differential Binding of Sarilumab and Tocilizumab to IL-6R $\alpha$  and Effects of Receptor Occupancy on Clinical Parameters**

**2021 ACCP Virtual Journal Club Webinar**

Live Session: Wednesday, August 18<sup>th</sup>, 2021 from 2:00 to 3:00 PM ET

On Demand: August 18<sup>th</sup>, 2021 to August 18<sup>th</sup>, 2024



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

This webinar will present the bridging through pharmacokinetic/pharmacodynamic modeling of the *in vitro* binding affinity to *in vivo* receptor occupancy and the potential association with clinical parameter improvements of sarilumab and tocilizumab in patients with rheumatoid arthritis. The study evaluated the *in vitro* binding of sarilumab and tocilizumab to interleukin (IL)-6R $\alpha$  and the inhibition of signaling; and the association between IL-6R $\alpha$  receptor occupancy and C-reactive protein (CRP) and potential clinical relevance of differences. Learners that complete this activity will be able to evaluate the clinical outcomes expected from two targeted biologics for the use in rheumatoid arthritis compared to their relative binding affinity to IL-6R $\alpha$ .



## **Joint Accreditation Statement**

In support of improving patient care, the American College of Clinical Pharmacology® (ACCP) is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

**UAN:** JA4008220-0000-21-040-L01-P– ACPE 1 Contact Hours

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

## **ACCME Designation Statement**

The Accreditation Council for Continuing Medical Education designates this live and enduring 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) Articulate the mechanism of action of sarilumab and tocilizumab and the downward physiologic effects;
- 2) Differentiate the binding affinity of sarilumab and tocilizumab to IL-6R $\alpha$  compared to placebo;
- 3) Evaluate the expected response to CRP levels and the expected clinical response based on dosage and usage of sarilumab and tocilizumab.

## **Requirements to Receive Credit**

In order to receive continuing medical education (CME) or continuing pharmacy education (CPE) credit, the learner must register for the educational activity, study the provided journal article, attend the Live webinar or view the On-Demand webinar, complete the online learning Self-assessment Post-test as well

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as the online course Evaluation and CME/CPE Certificate. Credits and CME/CPE Certificates must be claimed within thirty (30) days of completing the webinar, Post-test and Evaluation. Contact [CE@ACCP1.org](mailto:CE@ACCP1.org) with any questions.

**Disclosures:**

Author/Faculty: Christine R. Xu, PhD, Director, Translational Medicine & Early Development, Sanofi. Employee: Sanofi.

Moderator/Planner: Alexander Sperry, BS, PharmD, Clinical Research Fellow, School of Pharmacy, Medical Coll of Wisconsin. Nothing to disclose.

CE Reviewer: Claude Abdallah, MD, Anesthesiologist, Pediatric Anesthesiology, Children's National Health System. Nothing to disclose.

**Schedule & Fees**

ACCP webinar programs occur several times per year. Registration for the webinars are required, but are free of charge to all learners.

**Acknowledgement of Financial Support**

No financial support was received for this educational activity.

**Home Study Initial Release and Expiration Dates**

**Date of Issuance:** August 18, 2021

**Expiration Date:** August 18, 2024

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**Helpful Tips**

For best audio and visual quality, we recommend viewing the webinar in the Chrome browser. If you do not have Chrome, you may download it [here](#).

Test your browser compatibility before the webinar by clicking [here](#).

Download the article and slide handouts and access the webinar [here](#).

For help during the webinar, please call (571) 291-3493 ext 4.

Learn how to print your CME/CPE Certificate [here](#).

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