

Durable Inhibition of Structural Damage Progression and Improvements in Joint Disease Activity With Guselkumab in Active and Erosive Psoriatic Arthritis: Week 48 Results From APEX

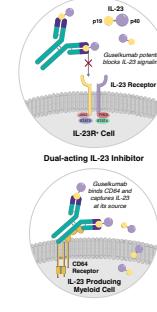
Christopher T. Ritchlin,¹ Philip J Mease,^{2,3} Laura C. Coates,⁴ Alexa P. Kollmeier,⁵ Bei Zhou,⁶ Yusang Jiang,⁶ Karen Bensley,⁶ Koen Im,⁷ Rattandeep Batra,⁸ Karissa Lozenski,⁹ Steven Fakharzadeh,^{9,10} Soumya D. Chakravarty,^{9,11} Proton Rahman,¹² Désirée van der Heijde¹³

¹Department of Medicine, Allergy/Immunology and Rheumatology, University of Rochester Medical Center, Rochester, NY, USA; ²Rheumatology Research, Providence Swedish Medical Center, Seattle, WA, USA; ³University of Washington School of Medicine, Seattle, WA, USA; ⁴Nuffield Department of Orthopaedics, Rheumatology and Musculoskeletal Sciences, University of Oxford, Botnar Research Centre, Oxford, UK; ⁵Johnson & Johnson, San Diego, CA, USA; ⁶Johnson & Johnson, Spring House, PA, USA; ⁷Johnson & Johnson, Cambridge, MA, USA; ⁸Johnson & Johnson, Toronto, ON, Canada; ⁹Johnson & Johnson, Horsham, PA, USA; ¹⁰Department of Dermatology, Perelman School of Medicine, University of Pennsylvania, Philadelphia, PA, USA; ¹¹Drexel University College of Medicine, Philadelphia, PA, USA; ¹²Craig L Dobkin Genetics Research Centre, Faculty of Medicine, Division of Rheumatology, Memorial University of Newfoundland, St. John's, NL, Canada; ¹³Leiden University Medical Center, Leiden, The Netherlands

Background

Guselkumab (GUS) for Psoriatic Arthritis (PsA)

- PsA is a chronic, heterogeneous, inflammatory disease affecting joints and skin that can substantially impact health-related quality of life^{1,2}
- Structural damage resulting from chronic inflammation leads to poorer outcomes³
- GUS is a fully human, dual-acting monoclonal antibody that selectively inhibits interleukin (IL)-23 by targeting its p19 subunit, and is able to bind CD64 expressed by immune cells in inflamed tissues⁴
- GUS is indicated for treating active PsA, moderate-to-severe plaque psoriasis, and moderately-to-severely active Crohn's disease and ulcerative colitis⁵



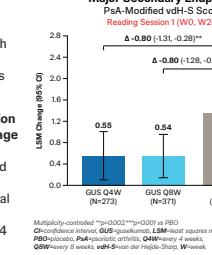
Introduction

APEX Results Through Week (W)24⁶



The study met its primary and major secondary endpoints demonstrating:

- Significantly higher American College of Rheumatology (ACR)20 rates with both GUS every (Q)4W and Q8W vs PBO at W24
- Significant inhibition of structural damage progression with both GUS Q4W and Q8W vs PBO at W24 based on initial readout (Reading Session 1: W0, W24 radiographs)



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Objectives

Evaluate structural damage progression in APEX based on Reading Session 2, using radiographs from W0, W24, and W48, and report clinical response rates through W48



APEX – Study Design

Key Inclusion Criteria

- Biologic-naïve
- ≥18 years
- Active PsA for ≥6 months (despite prior csDMARDs, aperimil, NSAIDs); CASPAR criteria met ≥3 SJC; ≥3 TJC; CRP ≥0.3 mg/dL

Major Secondary Endpoint⁶

PsA-Modified vdH-S Score

Reading Session 1 (W0, W24)

Blinded Safety F/U

Blinded Active Treatment

LTE Safety F/U

LTE Active Treatment

LTE Safety F/U

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Blinded PBO-Controlled

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Blinded

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