Pfizer Announces 12 Presentations Including New Research Data on Tofacitinib for Chronic Plaque Psoriasis and Atopic Dermatitis at World Congress of Dermatology

Release Date:
Monday, June 8, 2015 11:00 am EDT

Terms:
Dateline City:
NEW YORK

Reinforces Pfizer’s Leadership in JAK Inhibition Research

NEW YORK--(BUSINESS WIRE)--Pfizer Inc. (NYSE:PFE) announced today that it has twelve presentations, including new research data on tofacitinib for chronic plaque psoriasis and atopic dermatitis, at the upcoming 23rd World Congress of Dermatology (WCD) meeting to be held on June 8-13 in Vancouver, Canada. Among the highlights are three late-breaking research presentations, including 52-week pooled results from the Oral treatment Psoriasis Trials (OPT) Pivotal studies, an integrated safety summary across the OPT development program for oral tofacitinib, and the first presentation of two year results from OPT Extend, the ongoing long-term extension study of tofacitinib in moderate to severe chronic plaque psoriasis. In addition, new Phase 2a data for topical tofacitinib in the treatment of atopic dermatitis will be presented for the first time.

“We are proud of the data from the tofacitinib psoriasis clinical development program being presented at WCD as it adds to the body of evidence regarding the potential of tofacitinib as an additional oral treatment option for moderate to severe chronic plaque psoriasis,” said Rory O’Connor, senior vice president, Global Medical Affairs, Global Innovative Pharmaceuticals Business, Pfizer Inc. “The breadth and depth of the presentations at WCD underscores Pfizer’s leadership in oral Janus kinase (JAK) inhibition research.”

Pfizer continues to invest in the study of JAK inhibition across chronic inflammatory and immune-mediated diseases.

A supplemental new drug application (sNDA) for tofacitinib 5 mg and 10 mg tablets is currently under review with the U.S. Food and Drug Administration (FDA) for the treatment of adult patients with moderate to severe chronic plaque psoriasis who are candidates for systemic therapy or phototherapy. The FDA has provided an anticipated Prescription Drug User Fee Act (PDUFA) action date of October 2015 for the sNDA. This sNDA is the first in a number of regulatory applications that Pfizer intends to submit around the world for a potential tofacitinib psoriasis indication in 2015 and beyond.

The following Pfizer research data will be presented at WCD:

Three late-breaking presentations evaluating the safety and efficacy of tofacitinib:

- “Efficacy, safety, and patient-reported outcomes up to 52 weeks with tofacitinib, an oral Janus kinase inhibitor for the treatment of chronic plaque psoriasis: results from two randomized, Phase 3 trials.” Papp K, Krueger J, Feldman, et al. [Oral Presentation FC04-08; June 9, 2015 2:45 – 3:00 p.m.]

Important safety and efficacy data from the OPT clinical development program, including interim results from an ongoing long-term study:

About the OPT Clinical Trial Program

The Phase 3 OPT clinical trial program is a global, comprehensive clinical development program that includes over 3,600 patients in 36 countries, and is one of the largest global clinical trial programs in moderate to severe chronic plaque psoriasis to date. The OPT Program consists of five Phase 3 studies of tofacitinib in adults with moderate to severe chronic plaque psoriasis including:

- **OPT Pivotal #1/OPT Pivotal #2**: Phase 3 registration trials to evaluate the safety and efficacy of tofacitinib in patients with plaque psoriasis who had a Psoriasis Area and Severity Index (PASI) score of 12 or greater and were candidates for systemic or phototherapy.
- **OPT Compare**: A 12-week, Phase 3 study comparing the efficacy and safety of tofacitinib 5 mg and 10 mg twice daily to ENBREL® (etanercept) 50 mg twice weekly as well as to placebo.
- **OPT Retreatment**: A Phase 3 study evaluating the efficacy and safety of the withdrawal from, and then the retreatment with, tofacitinib 5 mg and 10 mg twice daily compared to placebo.
- **OPT Extend**: An ongoing long-term extension study evaluating the safety and tolerability of tofacitinib. Patients who participated in the Phase 2 or Phase 3 studies had the option, if eligible, to enroll in this study.

About Plaque Psoriasis

Psoriasis is a chronic, immune-mediated inflammatory skin disease, affecting the skin and other parts of the body, such as nails. It affects approximately two-to-three percent of people worldwide.\(^1\),\(^2\),\(^3\),\(^4\),\(^5\),\(^6\),\(^7\) The most common form is plaque psoriasis, which affects about 80 percent of people who have the condition.\(^8\) Of those, as many as 20 percent have moderate to severe chronic plaque psoriasis.\(^6\) A need for additional therapies remains. According to published surveys, approximately 50 percent of patients with psoriasis are dissatisfied with their treatment.\(^9\) Under-treatment also represents a significant problem. Even though guidelines typically state that patients with moderate to severe psoriasis are candidates for systemic therapy, many treated adult plaque psoriasis patients appear to be undertreated, with approximately 30 percent of treated moderate patients and 22 percent of treated severe patients receiving only topical therapy in the United States.\(^9\)

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governments and local communities to support and expand access to reliable, affordable health care around the world. For more than 150 years, Pfizer has worked to make a difference for all who rely on us. To learn more, please visit us at www.pfizer.com.

**DISCLOSURE NOTICE:** The information contained in this release is as of June 8, 2015. Pfizer assumes no obligation to update forward-looking statements contained in this release as the result of new information or future events or developments.

This release contains forward-looking information about tofacitinib, including a potential new indication for tofacitinib for the treatment of adult patients with moderate-to-severe chronic plaque psoriasis (the “Potential Indication”), plans to submit regulatory applications for the Potential Indication in various jurisdictions and its potential benefits, that involves substantial risks and uncertainties that could cause actual results to differ materially from those expressed or implied by such statements. Risks and uncertainties include, among other things, the uncertainties inherent in research and development, including, without limitation, the ability to meet anticipated clinical trial commencement and completion dates and regulatory submission dates, as well as the possibility of unfavorable clinical trial results, including unfavorable new clinical data and additional analyses of existing clinical data; whether and when any applications may be filed with regulatory authorities in jurisdictions other than the United States for tofacitinib for the Potential Indication; whether and when the FDA may approve the supplemental new drug application for tofacitinib for the Potential Indication and whether and when regulatory authorities in other jurisdictions may approve any such other applications, which will depend on the assessment by such regulatory authorities of the benefit-risk profile suggested by the totality of the efficacy and safety information submitted; decisions by regulatory authorities regarding labeling and other matters that could affect the availability or commercial potential of tofacitinib for the Potential Indication; and competitive developments.

A further description of risks and uncertainties can be found in Pfizer’s Annual Report on Form 10-K for the fiscal year ended December 31, 2014 and in its subsequent reports on Form 10-Q, including in the sections thereof captioned “Risk Factors” and “Forward-Looking Information and Factors That May Affect Future Results”, as well as in its subsequent reports on Form 8-K, all of which are filed with the SEC and available at www.sec.gov and www.pfizer.com.

   - Ref#1 Levy (Dove Press 2012)/p29/col1/par2/ln1-2

   - Ref#2a Rachakonda (J Am Acad Dermatol 2014)/pg1/Conclusions
   - Ref#2b Rachakonda (J Am Acad Dermatol 2014)/pg1/col1/par1/ln1-3

   - Ref#3 Augustin (J Eur Acad Dermatol Venereol 2012)/pg2/col2/par4/ln1-3

   - Ref#4a Perera (Annu Rev Pathol Med Dis 2012)/p386/col2/par1/ln3-7

   - Ref#5 Nestle (N Engl J Med 2009)/p497/fig1/ln3-4

   - Ref#6a Menter (J Am Acad Dermatol 2008)/p826/col1/par1/ln1-2
   - Ref#6b Menter (J Am Acad Dermatol 2008)/p828/col2/par1/ln6-11

   - Ref#7 Johnson (Clinic Rev Allerg Immunol 2013)/p166/col1/par1/ln1-3


Ref#9 Armstrong (JAMA Dermatol 2013)/pE1/Results

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