

Pfizer Announces Approval By The China Food And Drug Administration Of XELJANZ®, The First Oral JAK Inhibitor For Adult Patients With Moderately To Severely Active Rheumatoid Arthritis

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Pfizer China announced today that it has received approval from the Chinese Food and Drug Administration (CFDA) to market its oral Janus kinase (JAK) inhibitor, XELJANZ® (tofacitinib citrate), in China for the treatment of adult patients with moderately to severely active rheumatoid arthritis (RA) who have had an inadequate response or intolerance to methotrexate (MTX). It may be used in combination with MTX or other non-biologic disease-modifying antirheumatic drugs (DMARDs).

XELJANZ® is the first JAK inhibitor approved for RA patients. JAK inhibitors act on the JAK pathway by working inside the cell to disrupt a signaling pathway believed to play a role in the inflammation associated with moderately to severely active RA.

“The introduction of the first oral JAK inhibitor for RA in China, XELJANZ®, builds upon Pfizer’s legacy as an innovator in inflammation and immunology and provides a new option for physicians and adult patients with moderately to severely active RA who may prefer an oral treatment for this chronic condition,” said Mr. Guohong Shan, China Country Lead, Pfizer Innovative Health.

“We applaud the efforts of Chinese Government and the CFDA to bring new medicines to the Chinese healthcare system. Pfizer is committed to working closely with the CFDA, and will continue to partner with the Chinese government with the goal to help improve the lives of patients and people in China,” said Dr. Wu Xiaobin, Country Manager of Pfizer China.

The CFDA approval is based upon the efficacy and safety data from global RA pivotal study A3921046 China sub group, pharmacokinetics data from China PK study A3921065 and sufficient data from global RA pivotal studies including five phase III studies and a long-term extension study. The recommended dose of XELJANZ approved in China is 5 mg taken twice daily, orally with or without food.

About XELJANZ

XELJANZ® (tofacitinib citrate) has been approved for use in over 50 countries.ⁱ Since XELJANZ was first approved in the U.S. in 2012, it has been prescribed to more than 90,000 patients worldwide.ⁱⁱ

In January 2017, the Committee for Medicinal Products for Human Use (CHMP) of the European Medicines Agency (EMA) adopted a positive opinion recommending XELJANZ 5 mg twice daily (BID) for the treatment

of patients with moderate to severe active RA. The CHMP's opinion is now with the European Commission for final decision. In the European Union, XELJANZ is an investigational medicine and has not been approved for use.

Tofacitinib is included in a number of RA treatment recommendations, including those published by the Asia Pacific League of Associations for Rheumatology (APLAR), European League Against Rheumatism (EULAR) and the American College of Rheumatology (ACR).

Pfizer is committed to advancing the science of JAK inhibition and enhancing understanding of XELJANZ through robust clinical development programs in the treatment of immune-mediated inflammatory conditions.

About Rheumatoid Arthritis

Rheumatoid arthritis (RA) is a chronic, inflammatory autoimmune disease that causes a range of symptoms, including pain and swelling in the joints,ⁱⁱⁱ iv particularly those in the hands, feet and knees.^{iv} Although the exact cause of RA is unknown,^{iv} it is considered to be an autoimmune disease, because the immune system in people with RA mistakes the body's healthy tissues for a threat and attacks them.^{vi} Some people are at increased risk of developing RA, including people with a family history of RA, smokers and women.^v Three times as many women are affected by RA compared to men.^{vi} RA affects approximately 23.7 million people worldwide and 4 million people in China.^{vi} It can develop at any time during adulthood, but it usually occurs between 40 and 70 years of age.^{vi} According to 28 joint disease activity score (DAS28) criteria, a national multi-center cross-sectional survey showed that the rate of remission in patients with RA in China was 8.6% and the disability rate is about 50.3%.^{vi} There is a large gap between the RA remission rate in China and western countries.

XELJANZ/XELJANZ XR U.S. Label Information

XELJANZ (tofacitinib citrate)/XELJANZ XR (tofacitinib citrate) extended-release is a prescription medicine called a Janus kinase (JAK) inhibitor. XELJANZ/XELJANZ XR is used to treat adults with moderately to severely active rheumatoid arthritis in which methotrexate did not work well. XELJANZ/XELJANZ XR may be used as a single agent or in combination with methotrexate (MTX) or other non-biologic disease-modifying antirheumatic drugs (DMARDs). Use of XELJANZ/XELJANZ XR in combination with biologic DMARDs or potent immunosuppressants, such as azathioprine and cyclosporine, is not recommended.

- It is not known if XELJANZ/XELJANZ XR is safe and effective in people with hepatitis B or C.
- XELJANZ/XELJANZ XR is not for people with severe liver problems.
- It is not known if XELJANZ/XELJANZ XR is safe and effective in children.

Important Safety Information

- XELJANZ/XELJANZ XR can lower the ability of the immune system to fight infections. Some people can have serious infections while taking XELJANZ/XELJANZ XR, including tuberculosis (TB), and infections caused by bacteria, fungi, or viruses that can spread throughout the body. Some people have died from these infections. Healthcare providers should test patients for TB before starting XELJANZ/XELJANZ XR, and monitor them closely for signs and symptoms of TB and other infections during treatment. People should not start taking XELJANZ/XELJANZ XR if they have any kind of infection unless their healthcare provider tells them it is okay.
- People may be at a higher risk of developing shingles.
- XELJANZ/XELJANZ XR may increase the risk of certain cancers by changing the way the immune system works. Lymphoma and other cancers, including skin cancers, can happen in patients taking XELJANZ/XELJANZ XR.

- The risks and benefits of treatment should be considered prior to initiating XELJANZ/XELJANZ XR in patients with chronic or recurrent infection; who have been exposed to tuberculosis; with a history of a serious or an opportunistic infection; who have resided or traveled in areas of endemic tuberculosis or endemic mycoses; or with underlying conditions that may predispose them to infection.
- Viral reactivation, including cases of herpes virus reactivation (e.g., herpes zoster), was observed in clinical studies with XELJANZ.
- Use of live vaccines should be avoided concurrently with XELJANZ/XELJANZ XR. Update immunizations in agreement with current immunization guidelines prior to initiating XELJANZ/XELJANZ XR therapy.
- Some people who have taken XELJANZ with certain other medicines to prevent kidney transplant rejection have had a problem with certain white blood cells growing out of control (Epstein Barr virus-associated post-transplant lymphoproliferative disorder).
- Some people taking XELJANZ/XELJANZ XR can get tears in their stomach or intestines. This happens most often in people who also take nonsteroidal anti-inflammatory drugs (NSAIDs), corticosteroids, or methotrexate.
- XELJANZ/XELJANZ XR should be used with caution in patients who may be at increased risk for gastrointestinal perforation (e.g., patients with a history of diverticulitis), or who have a narrowing within their digestive tract. Patients should tell their healthcare provider right away if they have fever and stomach-area pain that does not go away or a change in bowel habits.
- XELJANZ/XELJANZ XR can cause changes in certain lab test results including low blood cell counts, increases in certain liver tests, and increases in cholesterol levels. Healthcare providers should do blood tests before starting patients on XELJANZ/XELJANZ XR and while they are taking XELJANZ/XELJANZ XR, to check for these side effects. Normal cholesterol levels are important to good heart health. Healthcare providers may stop XELJANZ/XELJANZ XR treatment because of changes in blood cell counts or liver test results.
- Use of XELJANZ/XELJANZ XR in patients with severe hepatic impairment is not recommended.
- Patients should tell their healthcare providers if they plan to become pregnant or are pregnant.

It is not known if XELJANZ/XELJANZ XR will harm an unborn baby. To monitor the outcomes of pregnant women exposed to XELJANZ/XELJANZ XR, a registry has been established. Physicians are encouraged to register patients and pregnant women are encouraged to register themselves by calling 1-877-311-8972.

- Patients should tell their healthcare providers if they plan to breastfeed or are breastfeeding. Patients and their healthcare provider should decide if they will take XELJANZ/XELJANZ XR or breastfeed. They should not do both.
- In carriers of the hepatitis B or C virus (viruses that affect the liver), the virus may become active while using XELJANZ/XELJANZ XR. Healthcare providers may do blood tests before and during treatment with XELJANZ/XELJANZ XR.
- Common side effects include upper respiratory tract infections (common cold, sinus infections), headache, diarrhea, and nasal congestion, sore throat, and runny nose (nasopharyngitis).

Please click the direct link to the full US Prescribing Information for XELJANZ/XELJANZ XR, including Boxed Warning and Medication Guide: <http://labeling.pfizer.com/ShowLabeling.aspx?id=959>.

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At Pfizer, we apply science and our global resources to bring therapies to people that extend and significantly improve their lives. We strive to set the standard for quality, safety and value in the discovery, development and

manufacture of health care products. Our global portfolio includes medicines and vaccines as well as many of the world's best-known consumer health care products. Every day, Pfizer colleagues work across developed and emerging markets to advance wellness, prevention, treatments and cures that challenge the most feared diseases of our time. Consistent with our responsibility as one of the world's premier innovative biopharmaceutical companies, we collaborate with health care providers, governments and local communities to support and expand access to reliable, affordable health care around the world. For more than 150 years, we have worked to make a difference for all who rely on us. We routinely post information that may be important to investors on our website at www.pfizer.com. In addition, to learn more, please visit us on www.pfizer.com and follow us on Twitter at [@Pfizer](https://twitter.com/Pfizer) and [@PfizerNews](https://twitter.com/PfizerNews), [LinkedIn](https://www.linkedin.com/company/pfizer), [YouTube](https://www.youtube.com/user/Pfizer) and like us on Facebook at [Facebook.com/Pfizer](https://www.facebook.com/Pfizer).

DISCLOSURE NOTICE: *The information contained in this release is as of March 15, 2017. 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 XELJANZ and XELJANZ XR, and an approval for XELJANZ in China for the treatment of adult patients with moderately to severely active RA who have had an inadequate response or intolerance to methotrexate, including their 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 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; uncertainties regarding the commercial success of XELJANZ and XELJANZ XR; whether and when any other applications for XELJANZ or XELJANZ XR may be filed with regulatory authorities in any jurisdictions; whether and when regulatory authorities in any jurisdictions may approve any such applications and/or any other applications that are pending (including the marketing authorization application currently under review by the European Medicines Agency for the treatment of moderate to severe active RA) or may be filed for XELJANZ or XELJANZ XR, 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 XELJANZ and XELJANZ XR; 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, 2016 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 U.S. Securities and Exchange Commission and available at www.sec.gov and www.pfizer.com.

i Pfizer Data on File. XELJANZ Worldwide Registration Status 2016.

ii Pfizer Data on File. XELJANZ Patient Experience Jan 26.

iii Lee DM, Weinblatt ME. Rheumatoid arthritis. *Lancet*. 2001; 358:903-911.

iv Medline Plus, "Rheumatoid Arthritis" Accessed 11 October 2015. Available at <http://www.nlm.nih.gov/medlineplus/ency/article/000431.htm>.

v Mayo Clinic, "Rheumatoid Arthritis." Accessed 14 September 2015. Available at <http://www.mayoclinic.com/health/rheumatoid-arthritis/DS00020/DSECTION=risk-factors>.

vi Li ZG, *Nat Rev Rheumatol*. 2015 May;11(5):313-7

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