



# CORPORATE FACT SHEET

## CORPORATE OVERVIEW

Rigel Pharmaceuticals, Inc. is a biotechnology company dedicated to discovering, developing and providing novel small molecule drugs that significantly improve the lives of patients with immune and hematological disorders, cancer and rare diseases. Rigel's pioneering research focuses on signaling pathways that are critical to disease mechanisms.

The company's first FDA approved product is TAVALISSE™ (fostamatinib disodium hexahydrate) tablets for the treatment of adult patients with chronic immune thrombocytopenia (ITP), a rare autoimmune disease, where patients have had an insufficient response to a previous treatment. ITP is a rare autoimmune disease where the body's own immune system attacks and destroys platelets in the blood.

Rigel's current clinical programs include Phase 2 trials with fostamatinib in autoimmune hemolytic anemia (AIHA) and IgA nephropathy (IgAN). In addition, Rigel has product candidates in development with partners BerGenBio AS, Daiichi Sankyo and Aclaris Therapeutics.

**See page 2 for Important Safety Information for TAVALISSE. Please see [www.TAVALISSE.com](http://www.TAVALISSE.com) for full Prescribing information.**

## PRODUCT PIPELINE

PRODUCT / INDICATION	PRE CLINICAL	PHASE 1	PHASE 2	PHASE 3	FDA APPROVED
<b>TAVALISSE</b> Indication: Immune Thrombocytopenia Target: SYK	[Solid blue bar]				
<b>Fostamatinib - AIHA</b> Indication: Autoimmune Hemolytic Anemia Target: SYK	[Diagonal blue hatched bar]				
<b>Fostamatinib - IgAN</b> Indication: IgA Nephropathy Target: SYK	[Diagonal blue hatched bar]				
<b>BGB324 - Oral AXL Inhibitor</b> Indication: Cancer Partner: BerGenBio	[Diagonal orange hatched bar]				
<b>ATI-50001 &amp; 50002 - JAK Inhibitors</b> Indication: Dermatology Partner: Aclaris	[Diagonal orange hatched bar]				
<b>DS-3032 - MDM2 Inhibitor</b> Indication: Cancer Partner: Daiichi Sankyo	[Diagonal orange hatched bar]				
<b>TGF-beta Inhibitors</b> Indication: Cancer/Immunotherapy Partner: Bristol-Myers Squibb	[Diagonal orange hatched bar]				
<b>AZD0449 - Inhaled JAK Inhibitor</b> Indication: Chronic Asthma Partner: AstraZeneca	[Diagonal orange hatched bar]				

● Company-sponsored Trials    ● Partner-sponsored Trials

## RIGEL MANAGEMENT TEAM

**Raul Rodriguez**  
President and Chief Executive Officer

**Anne-Marie Duliege, MD**  
EVP and Chief Medical Officer

**Eldon Mayer**  
EVP and Chief Commercial Officer

**Dolly Vance**  
EVP, Corporate Affairs, General Counsel and Corporate Secretary

**Stacy Markel**  
EVP, Human Resources

**Esteban Masuda, PhD**  
SVP, Research

**Joseph Lasaga**  
VP, Business Development & Alliance Mgmt.

## OUTSIDE BOARD OF DIRECTORS

**Gary A. Lyons**  
Chairman of the Board, Rigel and Director, Neurocrine Biosciences

**Bradford S. Goodwin**  
CEO, CharlestonPharma and President & CEO, Keren Pharmaceuticals

**Keith A. Katkin**  
CEO, Urovant Sciences

**Brian Kotzin**  
Principal Fellow, Clinical Development, Nektar Therapeutics

**Gregg Lapointe**  
CEO & Co-founder, Cerium Pharmaceuticals

**Walter H. Moos, PhD**  
CEO, ShangPharma Innovation and Retired President, SRI Biosciences

**Peter S. Ringrose, PhD**  
Retired Chairman of the Biotechnology and Biological Sciences Research Council (UK)

## ANALYST LIST

- BMO Capital - Do Kim
- Cantor Fitzgerald & Co - Elemer Piros
- H.C. Wainwright & Co - Joseph Pantginis
- J.P. Morgan - Anupam Rama
- Jefferies & Company - Eun Yang
- Piper Jaffray & Co - Christopher Raymond

## KEY INFORMATION - Nasdaq: RIGL

- \$115.6M in cash (as of 12/31/17)
- 146.8M in common shares outstanding (as of 12/31/17)

**Rigel Pharmaceuticals, Inc.**  
1180 Veterans Blvd.  
South San Francisco, CA 94080  
Ph: 650-624-1100, Fax: 650-624-1101  
Website: [www.rigel.com](http://www.rigel.com)  
Email: [ir@rigel.com](mailto:ir@rigel.com)

Disclaimer: [www.rigel.com/rigel/disclaimer](http://www.rigel.com/rigel/disclaimer)  
RIGL\_DSE\_ITP-18019



## **TAVALISSE™ (fostamatinib disodium hexahydrate) Tablets**

### **Indication and Important Safety Information**

#### **Indication**

TAVALISSE™ is indicated for the treatment of thrombocytopenia in adult patients with chronic immune thrombocytopenia (ITP) who have had an insufficient response to a previous treatment.

#### **Important Safety Information**

##### **Warnings and Precautions**

- Hypertension can occur with TAVALISSE treatment. Patients with pre-existing hypertension may be more susceptible to the hypertensive effects. Monitor blood pressure every 2 weeks until stable, then monthly, and adjust or initiate antihypertensive therapy for blood pressure control maintenance during therapy. If increased blood pressure persists, TAVALISSE interruption, reduction, or discontinuation may be required.
- Elevated liver function tests (LFTs), mainly ALT and AST, can occur with TAVALISSE. Monitor LFTs monthly during treatment. If ALT or AST increase to  $>3$  x upper limit of normal, manage hepatotoxicity using TAVALISSE interruption, reduction, or discontinuation.
- Diarrhea occurred in 31% of patients and severe diarrhea occurred in 1% of patients treated with TAVALISSE. Monitor patients for the development of diarrhea and manage using supportive care measures early after the onset of symptoms. If diarrhea becomes severe ( $\geq$  Grade 3), interrupt, reduce dose or discontinue TAVALISSE.
- Neutropenia occurred in 6% of patients treated with TAVALISSE; febrile neutropenia occurred in 1% of patients. Monitor the ANC monthly and for infection during treatment. Manage toxicity with TAVALISSE interruption, reduction, or discontinuation.
- TAVALISSE can cause fetal harm when administered to pregnant women. Advise pregnant women the potential risk to a fetus. Advise females of reproductive potential to use effective contraception during treatment and for at least 1 month after the last dose. Verify pregnancy status prior to initiating TAVALISSE. It is unknown if TAVALISSE or its metabolite is present in human milk. Because of the potential for serious adverse reactions in a breastfed child, advise a lactating woman not to breastfeed during TAVALISSE treatment and for at least 1 month after the last dose.

##### **Drug Interactions**

- Concomitant use of TAVALISSE with strong CYP3A4 inhibitors increases exposure to the major active metabolite of TAVALISSE (R406), which may increase the risk of adverse reactions. Monitor for toxicities that may require a reduction in TAVALISSE dose.
- It is not recommended to use TAVALISSE with strong CYP3A4 inducers, as concomitant use reduces exposure to R406.
- Concomitant use of TAVALISSE may increase concentrations of some CYP3A4 substrate drugs and may require a dose reduction of the CYP3A4 substrate drug.
- Concomitant use of TAVALISSE may increase concentrations of BCRP substrate drugs (eg, rosuvastatin) and P-Glycoprotein (P-gp) substrate drugs (eg, digoxin), which may require a dose reduction of the BCRP and P-gp substrate drug.

##### **Adverse Reactions**

- Serious adverse drug reactions in the ITP double-blind studies were febrile neutropenia, diarrhea, pneumonia, and hypertensive crisis, which occurred in 1% of TAVALISSE patients. In addition, severe adverse reactions occurred including dyspnea and hypertension (both 2%), neutropenia, arthralgia, chest pain, diarrhea, dizziness, nephrolithiasis, pain in extremity, toothache, syncope, and hypoxia (all 1%).
- Common adverse reactions ( $\geq 5\%$  and more common than placebo) from FIT-1 and FIT-2 included: diarrhea, hypertension, nausea, dizziness, ALT and AST increased, respiratory infection, rash, abdominal pain, fatigue, chest pain, and neutropenia.

**Please see [www.TAVALISSE.com](http://www.TAVALISSE.com) for full Prescribing Information.**

**To report side effects of prescription drugs to the FDA, visit [www.fda.gov/medwatch](http://www.fda.gov/medwatch) or call 1-800-FDA-1088 (800-332-1088).**

**Rigel Pharmaceuticals, Inc.**  
1180 Veterans Blvd.  
South San Francisco, CA 94080  
Ph: 650-624-1100, Fax: 650-624-1101  
Website: [www.rigel.com](http://www.rigel.com)  
Email: [ir@rigel.com](mailto:ir@rigel.com)

Disclaimer: [www.rigel.com/rigel/disclaimer](http://www.rigel.com/rigel/disclaimer)  
RIGL\_DSE\_ITP-18019