Press Release

RedHill Biopharma Announces U.S. Co-Promotion Agreement with Napo Pharmaceuticals for HIV/AIDS Anti-Diarrheal Drug Mytesi®

- **RedHill has been granted the exclusive right to co-promote Mytesi® (crofelemer 125 mg delayed-release tablets) in the U.S. to certain gastroenterologists and primary care physicians for the approved indication in people living with HIV/AIDS by Napo Pharmaceuticals, a subsidiary of Jaguar Health (NASDAQ: JAGX)**

- **Mytesi® is an FDA-approved anti-diarrheal prescription drug indicated for the symptomatic relief of non-infectious diarrhea in adults with HIV/AIDS on anti-retroviral therapy (ART)**

- **RedHill expects to initiate the U.S. promotion of Mytesi® in the coming weeks**

- **Mytesi® is the fourth product to be promoted by RedHill's gastrointestinal-focused U.S. salesforce, setting the stage for potential U.S. launch of RedHill's late clinical-stage products, including TALICIA® (RHB-105) for *H. pylori* infection, with confirmatory Phase III study top-line results expected in Q4/2018**

TEL-AVIV, Israel / RALEIGH, N.C., June 28, 2018 -- RedHill Biopharma Ltd. (NASDAQ: RDHL) (Tel-Aviv Stock Exchange: RDHL) ("RedHill" or the "Company"), a specialty biopharmaceutical company primarily focused on late clinical-stage development and commercialization of proprietary drugs for gastrointestinal (GI) diseases, today announced that it has entered into a co-promotion agreement with Napo Pharmaceuticals, Inc. (Napo), a human health company developing and commercializing novel gastrointestinal prescription products from plants used traditionally in rainforest areas, and a wholly-owned subsidiary of Jaguar Health, Inc. (NASDAQ: JAGX) (Jaguar), granting RedHill exclusive U.S. rights to co-promote Mytesi®

(crofelemer 125 mg delayed-release tablets)[1] for the approved indication in people living with HIV/AIDS with respect to certain gastroenterologists and primary care physicians. RedHill expects to commence U.S. promotion of Mytesi® in the coming weeks.

Mytesi® is the only anti-diarrheal studied in and U.S. FDA-approved for the symptomatic relief of noninfectious diarrhea in adults living with HIV/AIDS on anti-retroviral therapy (ART). Mytesi® is a prescription treatment for diarrhea that works differently, by acting locally in the GI tract to normalize the flow of water.

"We believe this co-promotion program will play a significant role in extending the reach of our commercial efforts into the GI medical community in support of the treatment of people living with HIV/AIDS with Mytesi®, a novel, first-in-class gastrointestinal product," **Lisa Conte, Jaguar's president and CEO, stated.** "Under the terms of the agreement, RedHill will be compensated based on performance, and the program can be extended by agreement between the two companies."

Dror Ben-Asher, RedHill's CEO, said: "We look forward to working with Napo to make this important drug available to more patients suffering from diarrhea associated with HIV/AIDS. Mytesi® is the fourth product to be promoted by RedHill and the first first-in-class, FDA-approved drug to be promoted by our gastrointestinal-focused U.S. sales force. We share Napo's enthusiasm that Mytesi® will be a successful, novel entry to GI care, and we are eager to support its commercial expansion."

RedHill already promotes three gastrointestinal products in the U.S., Donnatal® (Phenobarbital, Hyoscyamine Sulfate, Atropine Sulfate, Scopolamine Hydrobromide)[2], Esomeprazole Strontium Delayed-Release Capsules 49.3 mg[3] and EnteraGam® (serum-derived bovine immunoglobulin/protein isolate, SBI)[4].

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[1] Mytesi® (crofelemer 125 mg delayed-release tablets) is a first-in-class anti-secretory prescription drug approved by the U.S. FDA for the symptomatic relief of non-infectious diarrhea in adults with HIV/AIDS on anti-retroviral therapy. For more information, please see the prescribing information: http://mytesi.com/assets/mytesi_package_insert_june_2016.pdf.

[2] Donnatal® (Phenobarbital, Hyoscyamine Sulfate, Atropine Sulfate, Scopolamine Hydrobromide) is a prescription drug, classified as possibly effective as an adjunctive therapy in the treatment of irritable bowel syndrome (irritable colon, spastic colon, mucous colitis) and acute enterocolitis. For more information, please see the prescribing information: http://www.donnatal.com/wp-content/uploads/2015/02/2015-02-18-Risk-Benefit-information-DTC-REV.-SE.pdf.

[3] For more information, please see the prescribing information: https://dailymed.nlm.nih.gov/dailymed/fda/fdaDrugXsl.cfm?setid=53240ab5-98e7-4050-b640-e09c1271899a&type=display.

[4] EnteraGam® (serum-derived bovine immunoglobulin/protein isolate, SBI) is a commercially-available medical food, intended for the dietary management of chronic diarrhea and loose stools due to specific intestinal disorders, which must be administered under medical supervision.

About Mytesi®:

Mytesi® (crofelemer) is an anti-diarrheal indicated for the symptomatic relief of non-infectious diarrhea in adult patients with HIV/AIDS on anti-retroviral therapy (ART). Mytesi® is not indicated for the treatment of infectious diarrhea. Rule out infectious etiologies of diarrhea before starting Mytesi®. If infectious etiologies are not considered, there is a risk that patients with infectious etiologies will not receive the appropriate therapy and their disease may worsen. In clinical studies, the most common adverse reactions occurring at a rate greater than placebo were upper respiratory tract infection (5.7%), bronchitis (3.9%), cough (3.5%), flatulence (3.1%), and increased bilirubin (3.1%).

See full Prescribing Information at Mytesi.com. Crofelemer, the active ingredient in Mytesi®, is a botanical (plant-based) drug extracted and purified from the red bark sap of the medicinal *Croton lechleri* tree in the Amazon rainforest. Napo has established a sustainable harvesting program for crofelemer to ensure a high degree of quality and ecological integrity.

About Jaguar Health, Inc.:

Jaguar Health, Inc. is a commercial stage natural-products pharmaceuticals company focused on developing novel, sustainably derived gastrointestinal products on a global basis. Jaguar's wholly-owned subsidiary, Napo Pharmaceuticals, Inc., focuses on developing and commercializing proprietary human gastrointestinal pharmaceuticals for the global marketplace from plants used traditionally in rainforest areas. Napo's Mytesi® (crofelemer) product is approved by the U.S. FDA for the symptomatic relief of noninfectious diarrhea in adults with HIV/AIDS on anti-retroviral therapy. Mytesi has a direct salesforce of 18 plus two managers promoting Mytesi primarily to infectious disease specialists treating people living with HIV.

For more information about Jaguar, please visit jaguar.health. For more information about Napo, visit napopharma.com.

About RedHill Biopharma Ltd.:

RedHill Biopharma Ltd. (NASDAQ: RDHL) (Tel-Aviv Stock Exchange: RDHL) is a specialty biopharmaceutical company, primarily focused on the development and commercialization of late clinical-stage, proprietary drugs for the treatment of gastrointestinal diseases. RedHill commercializes and promotes four gastrointestinal products in the U.S.: **Donnatal® -** a prescription oral adjunctive drug used in the treatment of IBS and acute enterocolitis; **Esomeprazole Strontium Delayed-Release Capsules 49.3 mg -** a prescription proton pump inhibitor indicated for adults for the treatment of gastroesophageal reflux disease (GERD) and other gastrointestinal conditions; **EnteraGam® -** a medical food intended for the dietary management, under medical supervision, of chronic diarrhea and loose stools; and **Mytesi®** an anti-diarrheal indicated for the symptomatic relief of non-infectious diarrhea in adult patients with HIV/AIDS on anti-retroviral therapy. RedHill's key clinical-stage development programs include: (i) **TALICIA® (RHB-105)** for the treatment of *Helicobacter pylori* infection with an ongoing confirmatory Phase III study and

positive results from a first Phase III study; (ii) **RHB-104,** with an ongoing first Phase III study for Crohn's disease; (iii) **RHB-204,** with a planned pivotal Phase III study for nontuberculous mycobacteria (NTM) infections; (iv) **BEKINDA® (RHB-102),** with positive results from a Phase III study for acute gastroenteritis and gastritis and positive results from a Phase II study for IBS-D; (v) **YELIVA® (ABC294640),** a first-in-class SK2 selective inhibitor, targeting multiple oncology, inflammatory and gastrointestinal indications, with an ongoing Phase IIa study for cholangiocarcinoma; (vi) **RHB-106,** an encapsulated bowel preparation licensed to Salix Pharmaceuticals, Ltd. and (vii) **RHB-107 (formerly MESUPRON),** a Phase II-stage first-in-class, serine protease inhibitor, targeting cancer and inflammatory gastrointestinal diseases. More information about the Company is available at: www.redhillbio.com.

This press release contains "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. Such statements may be preceded by the words "intends," "may," "will," "plans," "expects," "anticipates," "projects," "predicts," "estimates," "aims," "believes," "hopes," "potential" or similar words. Forward-looking statements are based on certain assumptions and are subject to various known and unknown risks and uncertainties, many of which are beyond the Company's control, and cannot be predicted or quantified and consequently, actual results may differ materially from those expressed or implied by such forward-looking statements. Such risks and uncertainties include, without limitation, the risk that RedHill may not commence U.S. promotion of Mytesi® as expected or that the Co-Promotion Agreement with Napo Pharmaceuticals will not be extended and risks and uncertainties associated with (i) the initiation, timing, progress and results of the Company's research, manufacturing, preclinical studies, clinical trials, and other therapeutic candidate development efforts; (ii) the Company's ability to advance its therapeutic candidates into clinical trials or to successfully complete its preclinical studies or clinical trials; (iii) the extent and number of additional studies that the Company may be required to conduct and the Company's receipt of regulatory approvals for its therapeutic candidates, and the timing of other regulatory filings, approvals and feedback; (iv) the manufacturing, clinical development, commercialization, and market acceptance of the Company's therapeutic candidates; (v) the Company's ability to successfully promote Donnatal® and Esomeprazole Strontium Delayed-Release Capsules 49.3 mg and commercialize EnteraGam®; (vi) the Company's ability to establish and maintain corporate collaborations; (vii) the Company's ability to acquire products approved for marketing in the U.S. that achieve commercial success and build its own marketing and commercialization capabilities; (viii) the interpretation of the properties and characteristics of the Company's therapeutic candidates and the results obtained with its therapeutic candidates in research, preclinical studies or clinical trials; (ix) the implementation of the Company's business model, strategic plans for its business and therapeutic candidates; (x) the scope of protection the Company is able to establish and maintain for intellectual property rights covering its therapeutic candidates and its ability to operate its business without infringing the intellectual property rights of others; (xi) parties from whom the Company licenses its intellectual property defaulting in their obligations to the Company; (xii) estimates of the Company's expenses, future revenues, capital requirements and needs for additional financing; (xiii) the effect of patients suffering adverse experiences using investigative drugs under the Company's Expanded Access Program; and (xiv) competition from other companies and

technologies within the Company's industry. More detailed information about the Company and the risk factors that may affect the realization of forward-looking statements is set forth in the Company's filings with the Securities and Exchange Commission (SEC), including the Company's Annual Report on Form 20-F filed with the SEC on February 22, 2018. All forward-looking statements included in this press release are made only as of the date of this press release. The Company assumes no obligation to update any written or oral forward-looking statement, whether as a result of new information, future events or otherwise, unless required by law.

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