

Corporate Overview

January 2018

FIRST-IN-CLASS DRUG CANDIDATES

With dermatology, oncology, anti-inflammatory, and antibiotic applications

100 Cummings Center, Beverly, MA



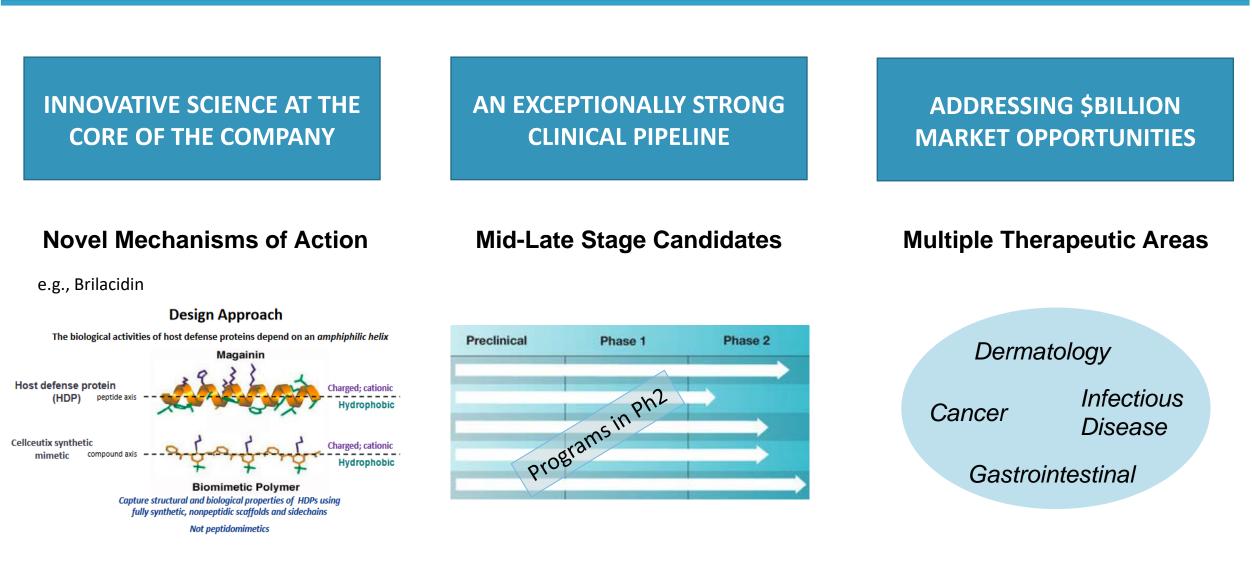
Safe Harbor; Forward-Looking Statements

This presentation contains forward-looking statements made pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995 that involve risks, uncertainties and assumptions that could cause Innovation's actual results and experience to differ materially from anticipated results and expectations expressed in these forward-looking statements. Innovation Pharmaceuticals has in some cases identified forward-looking statements by using words such as "anticipates," "believes," "hopes," "estimates," "looks," "expects," "plans," "intends," "goal," "potential," "may," "suggest," and similar expressions. These forward-looking statements include, but are not limited to, statements concerning future drug development plans and projected timelines for the initiation and completion of preclinical and clinical trials; the potential for the results of ongoing preclinical or clinical trials and the efficacy of Innovation Pharmaceuticals' drug candidates; the potential market opportunities and value of drug candidates; other statements regarding future product development and regulatory strategies, including with respect to specific indications; any statements regarding Innovation Pharmaceuticals' future financial performance, results of operations or sufficiency of capital resources to fund its operating requirements; any statements relating to Innovation Pharmaceuticals planned uplisting or use of proceeds; and any other statements that are not statements of historical fact. Forwardlooking statements involve risks and uncertainties, which may cause Innovation's actual results, performance or achievements to be materially different from those expressed or implied by forward-looking statements. Such forward-looking statements are based upon current expectations that involve risks, changes in circumstances, assumptions and uncertainties. Among other factors that could cause actual results to differ materially from those expressed in forward-looking statements are Innovation Pharmaceuticals' need for, and the availability of, substantial capital in the future to fund its operations and research and development, including the amount and timing of the sale of shares of common stock to Aspire Capital; Innovation Pharmaceuticals' ability to continue to fund and successfully progress internal research and development efforts and to create effective, commercially-viable drugs; and the fact that Innovation's compounds may not successfully complete pre-clinical or clinical testing, or be granted regulatory approval to be sold and marketed in the United States or elsewhere. A more complete description of these risk factors is included in Innovation Pharmaceuticals' filings with the Securities and Exchange Commission. You should not place undue reliance on any forward-looking statements. Forward-looking statements speak only as of the date on which they are made. Innovation Pharmaceuticals undertakes no obligation to release publicly the results of any revisions to any such forward-looking statements that may be made to reflect events or circumstances after the date of this presentation or to reflect the occurrence of unanticipated events, except as required by applicable law or regulation.



Innovation Pharmaceuticals Overview

Value Proposition

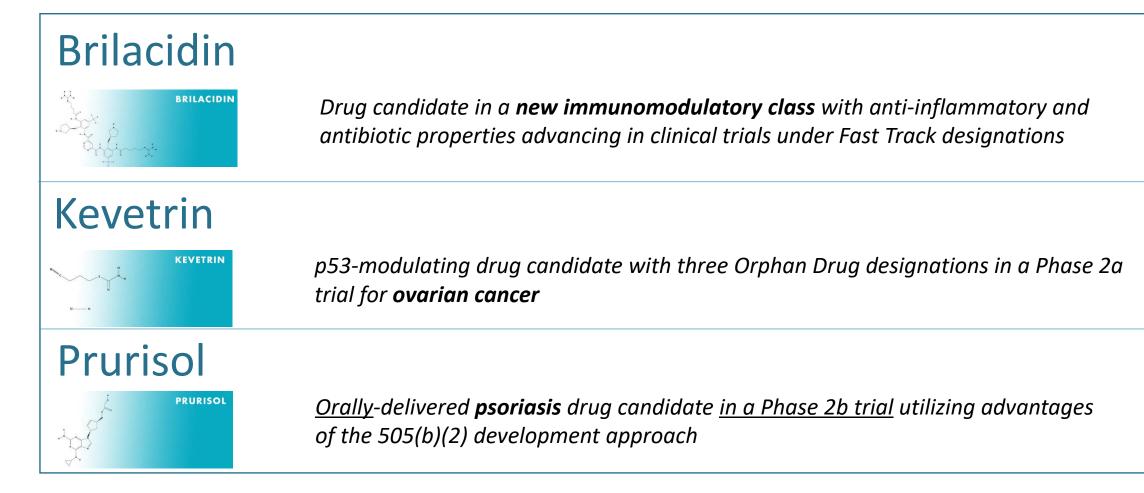




Innovation Pharmaceuticals Pipeline

Drug Candidates

Innovation has **three drug candidates**, each with first-in-class potential, advancing in clinical trials under various special FDA designations.





Brilacidin, a Novel Immunomodulatory Agent... Kevetrin, a p53-Modulating Drug Candidate... and; Prurisol, an Oral Psoriasis Medicine

All three **Clinical Assets targeting Multi-Billion Markets** in numerous therapeutic areas, across multiple clinical indications

KEY MILESTONES Achieved 2017

Brilacidin

Oral Mucositis- Positive Ph2 trial

Inflammatory Bowel Disease (UP/UPS)- Positive Ph2a trial

Kevetrin

Ovarian Cancer- Positive p53 Modulation Preliminary Results Ph2a trial

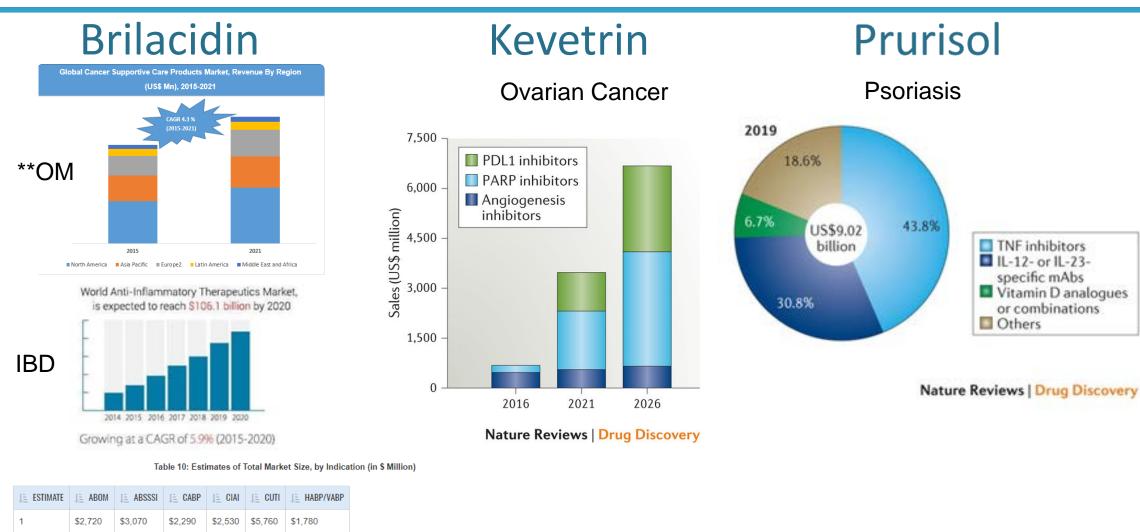
Prurisol

Psoriasis- Completed Ph2b trial (Topline results anticipated 1Q2018)



Multi-Billion Market Opportunity

Innovative Products Will Merit Higher Premiums



^{*}ABSSSI

3

\$2,950

\$9,230

\$6,590

\$9,230

\$7,970

\$9,230

\$4,660 \$6,540

\$9,230 \$9,230 \$9,230

\$3,470

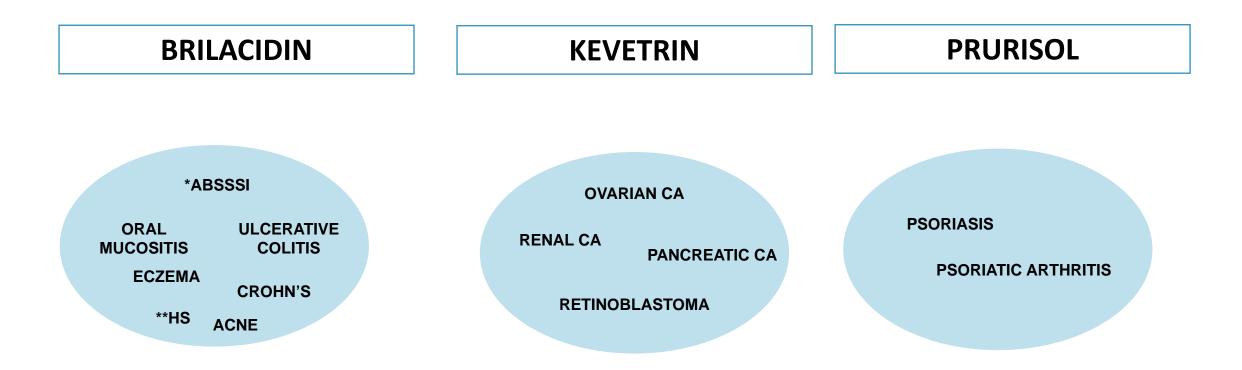
** Oral Mucositis

* ABSSSI = Acute Bacterial Skin and Skin Structure Infection



How We're Different

Innovative Drug Candidates with Multi-Indication Potential



POTENTIAL FOR LIFE-CHANGING, LIFE-SAVING TREATMENTS

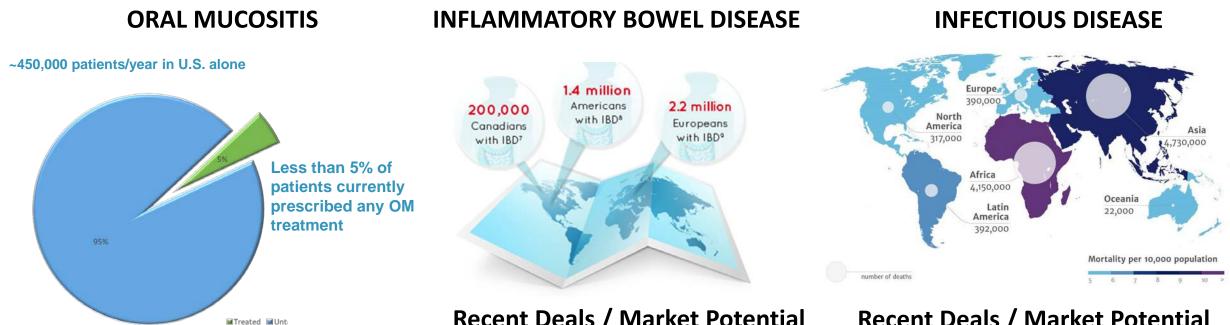
* ABSSSI - Acute Bacterial Skin and Skin Structure Infection ** HS - Hidradenitis suppurativa



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Pipeline Potential

Targeting Major Therapeutic Areas: Brilacidin



Product	Company	Phase	Indication	Comment / Issue
Kepivance	Amgen	Approved (drug)	Prevent OM- HSCT	Inconvenient IV dosing 3x pre + 3x post chemo, over priced
Gelclair	DARA	Approved (device)	Palliation	Poor reimbursement, poor data
Mucotrol	Edwards Pharmaceutical	Approved (device)	Palliation	Poor reimbursement, poor data
Caphosol	EUSA	Approved (device)	Palliation	Poor reimbursement, poor data
Episil	Camurus	Approved (device)	Palliation	
Mugard	Access	Approved (device)	Palliation	Poor reimbursement; recent controlled study confirmed activity as a palliative agent

Recent Deals / Market Potential







Recent Deals / Market Potential





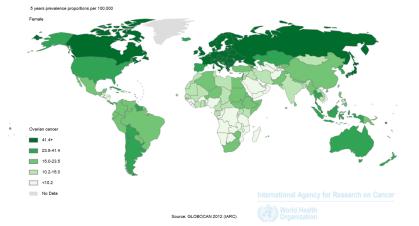
INNOVATION ARMACEUTICALS INC

Pipeline Potential

Targeting Major Therapeutic Areas: Kevetrin and Prurisol

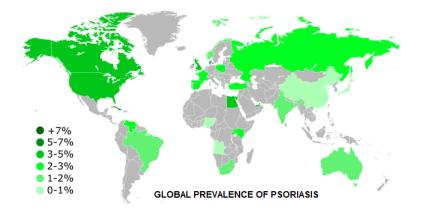
OVARIAN CANCER

PSORIASIS



Recent Deals / Market Potential



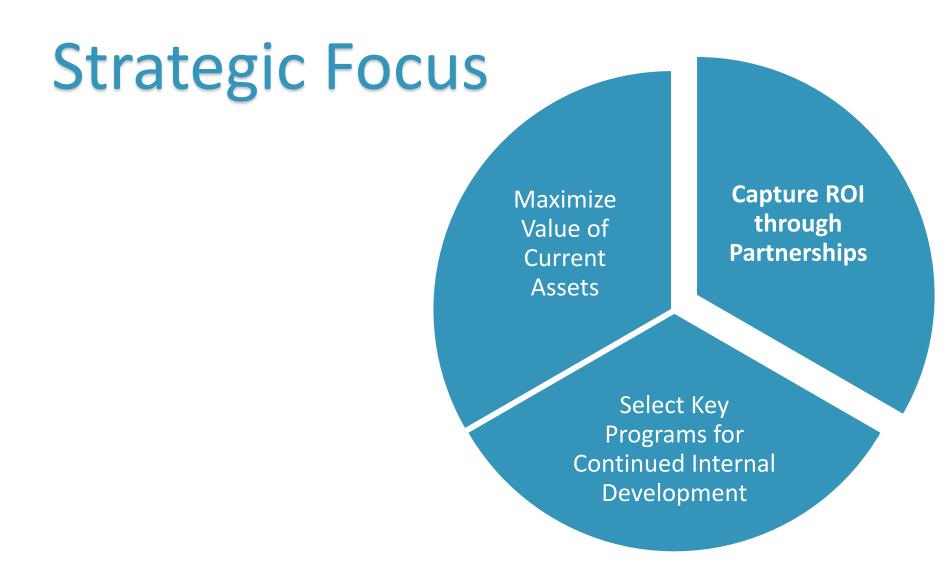


Recent Deals / Market Potential





Our Approach

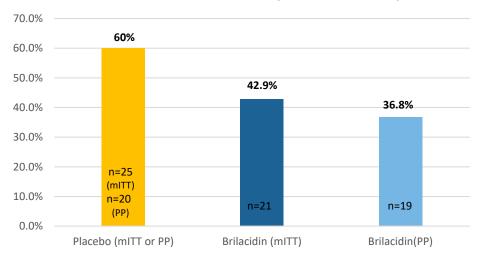




Brilacidin: Phase 2 Oral Mucositis Trial

Positive Results: Reduced Incidence of Severe Oral Mucositis (Topline Analysis)

Brilacidin clearly reduced the Incidence of Severe OM (WHO Grade ≥ 3) experienced during chemoradiation therapy by patients with Head and Neck Cancer



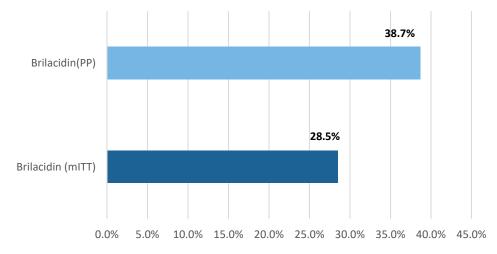
Incidence of Severe OM (WHO Grade ≥3)

- **60% of patients in the <u>placebo</u> treatment arm** experienced at least one score of WHO Grade ≥3 [15 of 25 patients (mITT) or 12 of 20 (PP)]
- **42.9% of patients in the** <u>Brilacidin</u> treatment arm (mITT) experienced at least one score of WHO Grade ≥3 [9 of 21 patients (mITT)]
- **36.8% of patients in the** <u>Brilacidin</u> treatment arm (PP) experienced at least one score of WHO Grade ≥3 [7 of 19 patients (PP)]

A Painful and Common Complication of Chemoradiation



Severe OM *Risk Reduction (%) from Placebo



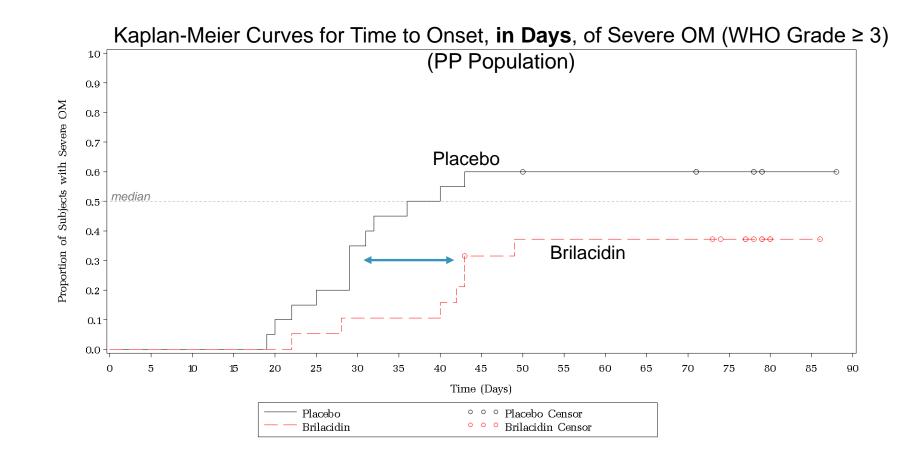
*Risk Reduction= [incidence Placebo- incidence Brilacidin]/incidence Placebo

mITT- Modified Intent to Treat Population **PP**- Per Protocol Population



Brilacidin: Phase 2 Oral Mucositis Trial

Positive Results: Delayed Time to Onset of Severe Oral Mucositis (Topline Analysis)

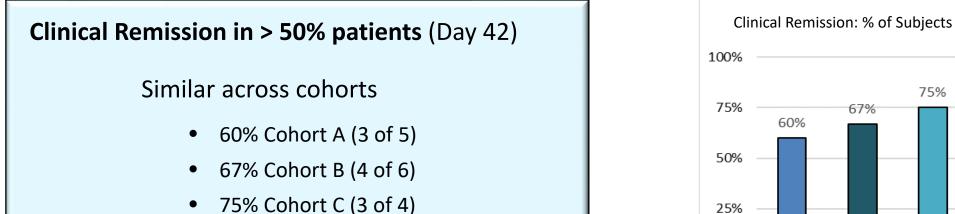


Note the period from approximately 28-42 days during which SOM incidence rises strikingly in Placebo while not in the Brilacidin group (Double arrow)



Brilacidin: Phase 2a IBD Trial (Ulcerative Proctitis/Proctosigmoiditis)

Positive Results: Primary Efficacy Endpoint Met, Supported by Endoscopic Improvement(Topline Analysis)



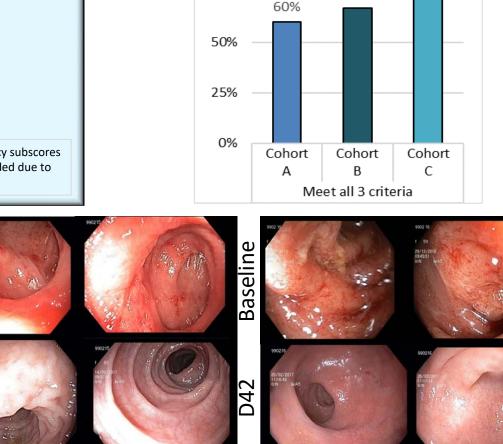
Analysis population: Includes subjects with Endoscopy, Rectal Bleeding and Stool Frequency subscores at baseline and Day 42; one patients in Cohort A and one patient in Cohort C are not included due to no Day 42 endoscopy (patients declined)

Examples Clinical Remission

Treated with Brilacidin 100mg (Cohort B) per retention enema

Clinical Remission is defined as:

- Endoscopy subscore ≤ 1
- Rectal Bleeding subscore of 0
- Stool Frequency subscore improvement or no change from baseline



Subject 990216 (rectum)

75%

67%



Brilacidin: Phase 2b *ABSSSI Trial

Positive Results: As an Antibacterial **Performed Favorably to a Current Market Leader**

• Single Dose Brilacidin Efficacy comparable to 7-day regimen of robust comparator (Daptomycin x 7 days)

	Brilacidin 0.6 mg/kg IV x 1 day (N=53)	Brilacidin 0.8 mg/kg IV x 1 day (N=53)	Brilacidin x 3 days (N=53)	Daptomycin x 7 days (N=50)
Number Assessed	51	48	52	48
Clinical Response (%)	47 (92.2)	46 (95.8)	51 (98.1)	45 (93.8)
95% C.I.	(84.8, 99.5)	(90.2, 100)	(94.3, 100)	(86.9, 100)

Active Skin Infection



*Acute Bacterial Skin and Skin Structure Infection



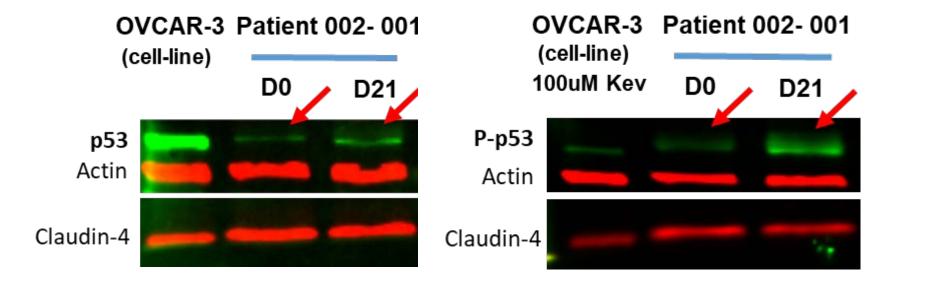
Kevetrin Ph2a Trial for Ovarian Cancer

Positive Results: p53 Modulation Demonstrated in analysis of First Patients (Topline Analysis)

Western Blot shows modulation of p53 and Phospho-p53 proteins in patient tumor tissue in response to Kevetrin treatment



Source: publichealthwatch



Kevetrin Treatment Regimen

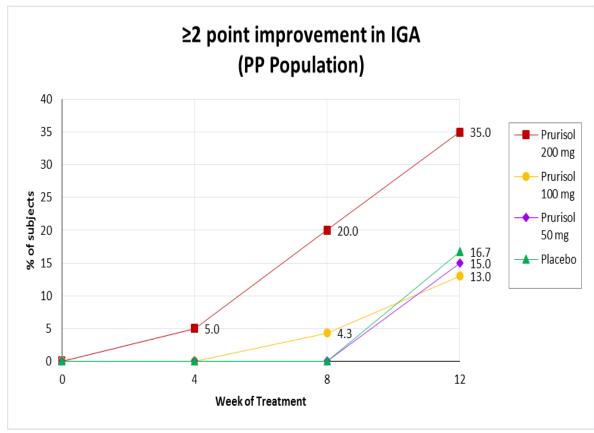
250mg/m² iv 3x/week for 3 weeks

D0- before Kevetrin (day 0)D21- after Kevetrin (day 21)OVCAR-3- a reference ovarian cancer cell-line



Prurisol: Phase 2a Mild-Moderate Plaque Psoriasis Trial

Positive Results: Primary Efficacy Endpoint Met in 200mg arm (IGA Improvement over 12 weeks)



Psoriasis Affects Over 125 million People Worldwide



Source: Table 14.2.1.1.2 and Table 14.2.1.2.4

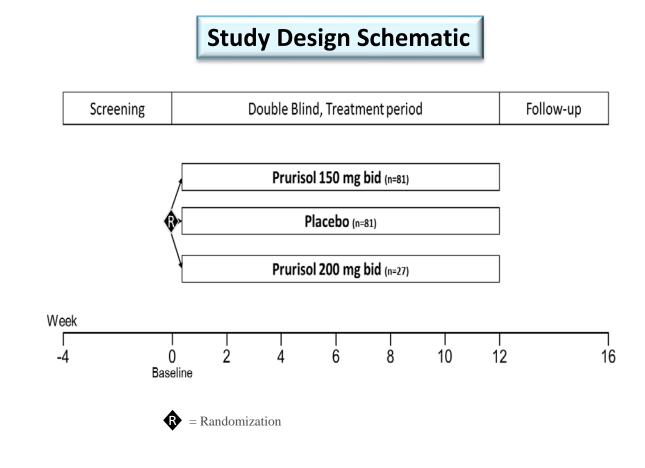
 ≥ 2-point Investigator Global Assessment (IGA) improvement (200 mg group) at Week 12 was 35.0% subjects (PP) [Provided basis to proceed to next study]



Prurisol: Phase 2b Moderate-Severe Plaque Psoriasis Trial

Completed: Awaiting Topline Data (Anticipated 1Q2018)

- Randomized, double-blind, parallel-group, placebo-controlled
- Treatment Groups
 - Prurisol 300 mg: Pbo: Prurisol 400 mg
 - **3:3:1**
- Number of Patients
 - **199**
- Treatment Duration
 - 12 weeks
- Number of Sites (U.S.)
 - **3**4





Proven Team With Deep Experience

Senior Management, Key Advisors

LEO EHRLICH Co-Founder, CEO, CFO, Board Chairman	 >25 years of executive leadership experience in building and managing emerging growth companies Multiple C-suite roles at private and public companies 	Expe	ertise Lilly
ARTHUR P BERTOLINO, MD, PHD, MBA President and CMO	 >15 years of domestic and global drug development and management experience Extensive senior leadership (VP of Dermatology at Novartis) 	RU Peplin	Revance
KRISHNA MENON, PHD, VMD Co-Founder, CSO, an Board Member	 >30 years of drug development experience Key pre-clinical oncology group leader (Gemzar and Alimta) 		
JANE HARNESS, MS, MP Sr Vice-President, Clinical Sciences and Portfolio Management	 >20 years in domestic and international clinical drug development Extensive pharma leadership positions across entire career 	(secukir	sentyx* numab)
Francis A Farraye, MD, MSC Scientific Advisor	 Professor of Medicine, Clinical Director, Section of Gastroenterology and Co- Director, Center for Digestive Disorders, at Boston University School of Medicine 		A-FARBER R INSTITUTE
Paul Ginsburg, PHD Scientific Advisor	 Patent expert in the pharmaceutical and biotechnology fields; former head of NY-based patent department at Pfizer 	Boston University School of Boston University School of HARVARD School of DENTAL MEDICINE	of Medicine
Stephen T Sonis, DMD, DMSC Scientific Advisor	 Recognized expert in cancer-related oral mucosal toxicities Professor of Oral Medicine at Harvard School of Dental Medicine, Senior Surgeon at the Dana-Farber Cancer Institute and Brigham and Women's Hospital 	HARVARD School of DENTAL MEDICINE	JOHNS HOPKINS SCHOOL & MEDICINE



Commercial Expanse and Intellectual Property



Intellectual Property Estate

Prurisol

- #US Patents granted
 - 1
- Prurisol Mfg method
 - Prov. pending
- Countries Granted
 - Various EU
 - Japan
 - Others

Brilacidin

- # US Patents granted
 - 10
- Brilacidin Mfg method
 - In-process
- Countries Granted
 - Various EU
 - Japan
 - Others

Kevetrin

- # US Patents granted
 - •
- # Patents pending
 - Others
- Countries Granted
 - Various EU
 - Japan
 - Others



Innovation Pharmaceuticals Strategic Direction

- Leverage 2017 Milestones to Support Partnering Opportunities
 - Multiple CDAs Signed, Ongoing Interactions with Big Pharma and other Global Rx Companies
- Advance Formulation Work to Tailor Drug Delivery
- Continue to Build Value by Addressing Areas of Unmet Medical Need for the Benefit of Patients and Shareholders
- Anchor Each Drug Candidate in Additional Trials to Further Provide Favorable Return-On-Investment



Innovation Pharmaceuticals Inc.

100 Cummings Center Beverly, MA

January 2018

Ticker: IPIX