

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

FORM 8-K

CURRENT REPORT  
Pursuant to Section 13 OR 15(d) of The Securities Exchange Act of 1934

Date of Report (Date of earliest event reported) August 8, 2022

**CARA THERAPEUTICS, INC.**  
(Exact name of registrant as specified in its charter)

**Delaware**

(State or other jurisdiction  
of incorporation)

**001-36279**

(Commission  
File Number)

**75-3175693**

(IRS Employer  
Identification No.)

**4 Stamford Plaza**  
**107 Elm Street, 9<sup>th</sup> Floor**  
**Stamford, Connecticut**  
(Address of principal executive offices)

**06902**  
(Zip Code)

Registrant's telephone number, including area code (203) 406-3700

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2.):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol	Name of each exchange on which registered
Common Stock, par value \$0.001 per share	CARA	The Nasdaq Stock Market LLC

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

**Item 7.01. Regulation FD Disclosure.**

On August 8, 2022, Cara Therapeutics, Inc. (the "Company") made available an updated corporate presentation, which can be found on the Company's website (the "Corporate Presentation"). The Corporate Presentation is furnished as Exhibit 99.1 and incorporated by reference in this Item 7.01.

The information furnished under this Item 7.01, including Exhibit 99.1, shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934 (the "Exchange Act") or subject to the liabilities of that section, nor shall it be deemed to be incorporated by reference into any of the Company's filings with the Securities and Exchange Commission ("SEC") under the Exchange Act or the Securities Act of 1933, as amended, (the "Securities Act") whether made before or after the date hereof, regardless of any general incorporation language in such a filing. The information shall not be deemed incorporated by reference into any other filing with the SEC made by the Company, regardless of any general incorporation language in such filing.

**Item 9.01. Financial Statements and Exhibits.**

(d) Exhibits

<b>Exhibit No.</b>	<b>Description</b>
<a href="#">99.1</a>	<a href="#">Corporate Presentation, dated August 8, 2022</a>
104	Cover page interactive data file (formatted as Inline XBRL)

**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

**CARA THERAPEUTICS, INC.**

By: /s/ CHRISTOPHER POSNER  
Christopher Posner  
Chief Executive Officer

Date: August 8, 2022

# Cara Therapeutics

CORPORATE PRESENTATION

AUGUST 2022



# Forward Looking Statements




Statements contained in this presentation regarding matters that are not historical facts are "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. Examples of these forward-looking statements concerning the Company's ability to successfully commercialize KORSUVA injection and Kapruvia injection and Kapruvia revenue, expenses and costs may not be as expected, planned future regulatory submissions and potential future regulatory approvals, the performance of the Company's commercial partner Vifor, expected timing of the initiation, enrollment and data readouts from the Company's planned and ongoing clinical trials, potential results of ongoing clinical trials, timing of future regulatory and development milestones for the Company's product candidates, the potential for the Company's product candidates to be alternatives in the therapeutic areas including NP, and the potential for oral difelikefalin to address additional pruritic indications, the size and growth of markets for pruritus management, the Company's expected cash reach, and the potential impact of COVID-19 tensions and macroeconomic conditions on the Company's clinical development and regulatory timelines and projections. Such statements are subject to risks and uncertainties, actual results may differ materially from those expressed in such forward-looking statements. Risks are described more fully in Cara Therapeutics' filings with the Securities and Exchange Commission, including the "Risk Factors" section of the Company's Annual Report on Form 10-K for the year ended December 31, 2021 and its other documents subsequently filed with or furnished to the Securities and Exchange Commission, including its Form 10-Q for the quarter ended June 30, 2022. All forward-looking statements contained in this presentation are made as of the date on which they were made. Cara Therapeutics undertakes no obligation to update such statements to reflect changes in circumstances that occur or circumstances that exist after the date on which they were made, except as required by law.



**OUR MISSION:**

**Transform the way pruritus is treated to bring quality to the lives of those who suffer.**

# Millions of US patients could benefit from a chronic pruritus therapy

		Estimated US Pruritus Population
 <b>SYSTEMIC</b>	HD-Dependent Chronic Kidney Disease (CKD) <sup>1-2</sup>	200M
	Non-Dialysis Dependent CKD (Stage 4-5) <sup>3-7</sup>	300M
	Chronic Liver Disease <sup>8-12</sup>	3M
 <b>DERMATOLOGICAL</b>	Atopic Dermatitis <sup>13-15</sup>	12M
 <b>NEUROLOGICAL</b>	Notalgia Paresthetica <sup>16-19</sup>	>65M

1. National Institute of Diabetes and Digestive and Kidney Diseases. <https://www.niddk.nih.gov/health-information/health-statistics/kidney-disease>. 2. Pisoni et al. Pruritus in haemodialysis patients: international results from the Dialysis Outcomes and Practice Patterns Study (DOPPS). *Nephrology Dialysis Transplantation* (2006), 21(12): 3495-3505. 3. Centers for Disease Control and Prevention <https://nczd.cdc.gov/ckd/detail.aspx?Qnum=Q372>. 4. DataMonitor 5. States Renal Data System <https://adr.usrds.org/2020/chronic-kidney-disease/1-ckd-in-the-general-population>. 6. Wong SJY et al. Decisions about Renal Replacement Therapy in Patients with Advanced Kidney Disease in the US Department of Veterans Affairs, 2000-2011. *Clin Journal of Am Soc Nephrol*, 2016, 11(10): 1825-1833. 7. Sukul N et al. Pruritus and patient reported outcomes in non-dialysis CKD. *Clin J Am Soc Nephrol* 2019, 673-681. 8. Centers for Disease Control and Prevention <https://www.cdc.gov/nchs/fastats/liver-disease.htm>. 9. Odea S et al. Prevalence of pruritus in patients with chronic liver disease: A multicenter study. *Hepatology Research*, 2018, 28(3): E252-E262. 10. Fujino H et al. Pruritus in patients with chronic liver disease and serum autotaxin levels in patients with primary biliary cholangitis. *BMC Gastroenterology*, 2019, 19:169. 11. Yoshikawa et al. Pruritus is common in patients with chronic liver disease and is improved by nalfurafine hydrochloride. *Scientific Reports*, 2021, 11:3015. 12. Data on file. 13. National Eczema Association. <https://nationaleczema.org/eczema/types-of-eczema/atopic-dermatitis/>. 14. DRG Analysis. 15. Mollanazar NK, Smith PK, Yosipovitch G. Mediators of chronic pruritus in atopic dermatitis: getting the itch out? *Clin Rev Allergy Immunol* (2016) 51:263-92. 16. US Census Bureau 2020 population projection; 17. Pereira P. et al., *Acta DV* 2018; 98:82-88; 18. Mollanazar N.K. et al., *Acta Clin Croat* 2018; 57:721-725e.; 19. Syneos market research and Apollo claims database

# Cara is well positioned to seize the opportunity and drive significant immediate and future growth



**First-and-only FDA-approved treatment for CKD-**



**Robust R&D engine with multiple pipeline indications**



**Significant market opportunity & strong financial foundation to deliver growth strategy**



# KORSUVA Injection is poised for rapid uptake

NOW APPROVED  
& COMING SOON

## KORSUVA™

(difelikefalin) Injection



FIRST-AND-ONLY PRODUCT APPROVED FOR C



STRONG COMMERCIAL POSITIONING & PARTN



FIRST INNOVATIVE PRODUCT TO RECEIVE TDA

6 | Korsuva is indicated for the treatment of moderate-to-severe pruritus associated with chronic kidney disease (CKD-aP) in adults undergoing hemodialysis (HD). Limitations of Use Korsuva has not been studied in patients on peritoneal dialysis and is not recommended for use in this population

# KORSUVA Injection addresses significant unmet need in US CKD-aP hemodialysis market

**~500K**

Patients on hemodialysis<sup>1-2</sup>

**40%**

With moderate-severe pruritus<sup>2</sup>

**~200K**

Addressable Market

- 7 |
1. National Institute of Diabetes and Digestive and Kidney Diseases. <https://www.niddk.nih.gov/health-information/health-statistics/kidney-disease>.
  2. URSDS. <https://adr.usrds.org/2021/end-stage-renal-disease/1-incidence-prevalence-patient-characteristics-and-treatment-modalities>
  3. Pisoni et al. Pruritus in haemodialysis patients: international results from the Dialysis Outcomes and Practice Patterns Study (DOPPS). *Nephrology Dialysis Transplantation* (2006); 21(12): 3495-3505.

# Concentrated dialysis market dynamics can facilitate rapid uptake

## 2 Key Providers

- Fresenius Medical Care and DaVita have a combined market share of ~75%<sup>1</sup>



**FRESENIUS  
MEDICAL CARE**



## 1 Major Payer

- Medicare covers ~80% of CKD-HD patients<sup>2</sup>
- 2nd drug in TDAPA
  - 1st drug Parsabiv - \$1.4B revenue in 3-yr period<sup>3</sup>

***Medicare***

8 | 1. <https://healthcareappraisers.com/2020-outlook-dialysis-clinics-and-esrd/>  
2. <https://adr.usrds.org/2020/end-stage-renal-disease/9-healthcare-expenditures-for-persons-with-esrd>  
3. Amgen Annual Report 2018, 2019, 2020

# Partnership with Vifor can maximize launch poten



**Leading commercial nephrology organization with turnkey infrastructure, including 100+ sales FTEs**



**Strong relationships with US nephrology offices and dialysis centers, including joint venture with Fresenius Medical Care**



**Contractual economics bring near term profitability for KORSUVA Injection**

# KORSUVA injection U.S. launch commenced in April 2022 and is progressing well



**KORSUVA injection is available to order at all dialysis organizations nationwide**



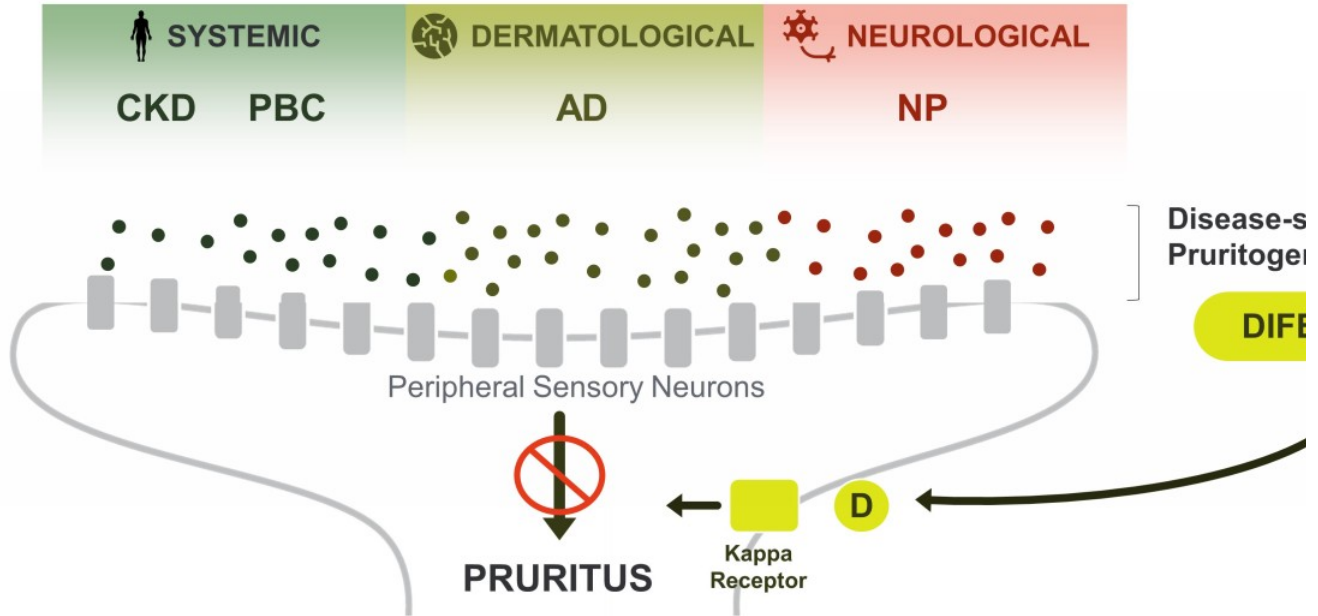
**Healthcare Providers and Patients are being educated and activated**



**Product reimbursement via TDAPA is in place**

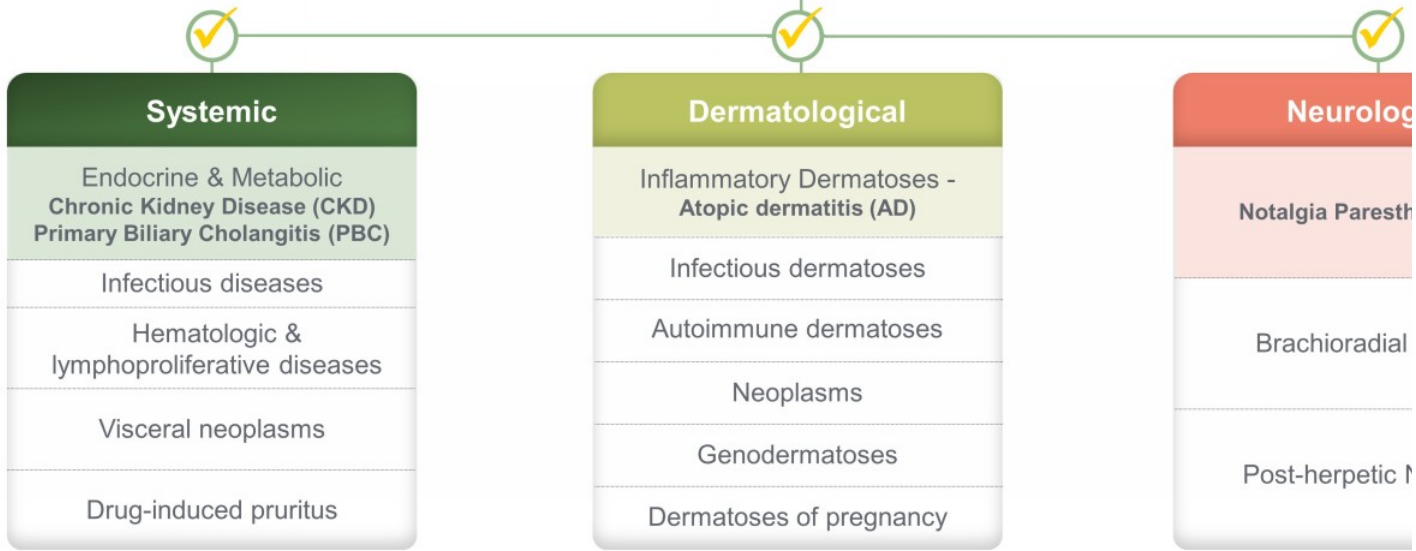
# Difelikefalin MOA has potentially broad application

Difelikefalin blocks itch response agnostic of itch trigger



# Oral difelikefalin has potential for long-term growth

## Key Categories of Chronic Pruritus<sup>1</sup>



1. Matteme U, et al. Prevalence, correlates and characteristics of chronic pruritus: a population-based crosssectional study. Acta Derm Venereol. 2011;91(6):674-9.2. Matteme U et al. Incidence and determinants of chronic pruritus: a population-based cohort study. Acta Derm Venereol. 2013;93(5):532-7. 3. Adapted from: Stander S, et al. Clinical classification of itch: a position paper of the international forum for the study of itch. Acta Derm Venereol 2007, 87: 291-294.

# Advancing our late-stage pipeline in multiple indications



13 | 1. Approved in the EU and UK with the tradename Kapruvia™. 2. Commercialization rights to difelikefalin in defined indications - Japan: Maruishi Pharmaceutical Co, LTD; South Korea: Chong Kun Dang Pharmaceuticals. 3. Vifor Fresenius Medical Care Renal Pharma (VFMCRP) has commercial rights under a profit-share arrangement in the US and a royalty arrangement ex-US.  
 HD-CKD: Hemodialysis Chronic Kidney Disease; NDD-CKD: Non-Dialysis Dependent Chronic Kidney Disease



# Oral difelikefalin: expanding reach in non-dialysis CKD market



**Pruritis control is a significant unmet need among non CKD patients<sup>1</sup>**



**There are no FDA-approved therapies and current anti-approaches are inadequate<sup>1</sup>**



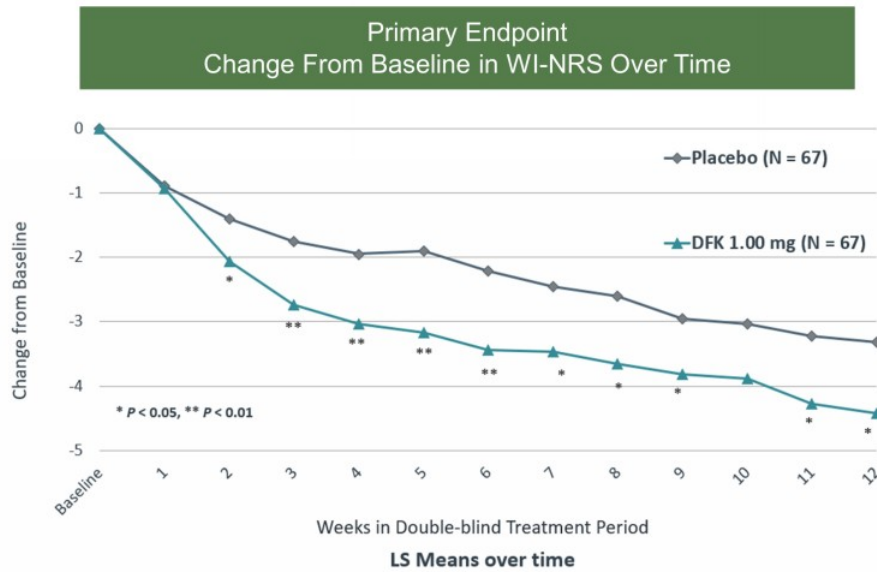
**Approximately 1.2 million US patients have advanced ( non-dialysis CKD<sup>2-5</sup>**



**~30% advanced non-dialysis CKD patients experience to severe pruritus<sup>6</sup>**

14 | 1. Makar M et al. Chronic kidney disease associated pruritus: a review. *Kidney Blood Press Res* 2021. 46:659-669. 2. Centers for Disease Control and Prevention <https://nccd.cdc.gov/ckd/detail.aspx?Qnum=Q372>. 3. DataMonitor 4. States Renal Data System <https://adr.usrds.org/2020/chronic-kidney-disease/1-ckd-in-the-general-population>. 5. Wong SJY et al. Decisions about Renal Replacement Therapy in Patients with Advanced Kidney Disease in the US Department of Veterans Affairs, 2000–2011. *Clin Journal of Am Soc Nephrol*. 2016. 11(10): 1825-1833. 6. Sukul N et al. Pruritus and patient reported outcomes in non-dialysis CKD. *Clin J Am Soc Nephrol* 2019. 673-681. 7. Mettang T and Kremer AE. Uremic Pruritus. *Kidney International*. 2015. 87:685-691

# Phase 2 data provides path forward into Phase 3 NDD-CKD



- ✓ Significant difference achieved with 1mg oral difelikefalin and placebo on WI-NRS score at Week 12
- ✓ Generally well-tolerated with safety profile consistent with clinical development program
- ✓ Phase 2 findings and EOP2 data support progression with FDA established dose in population in Advanced CKD trial

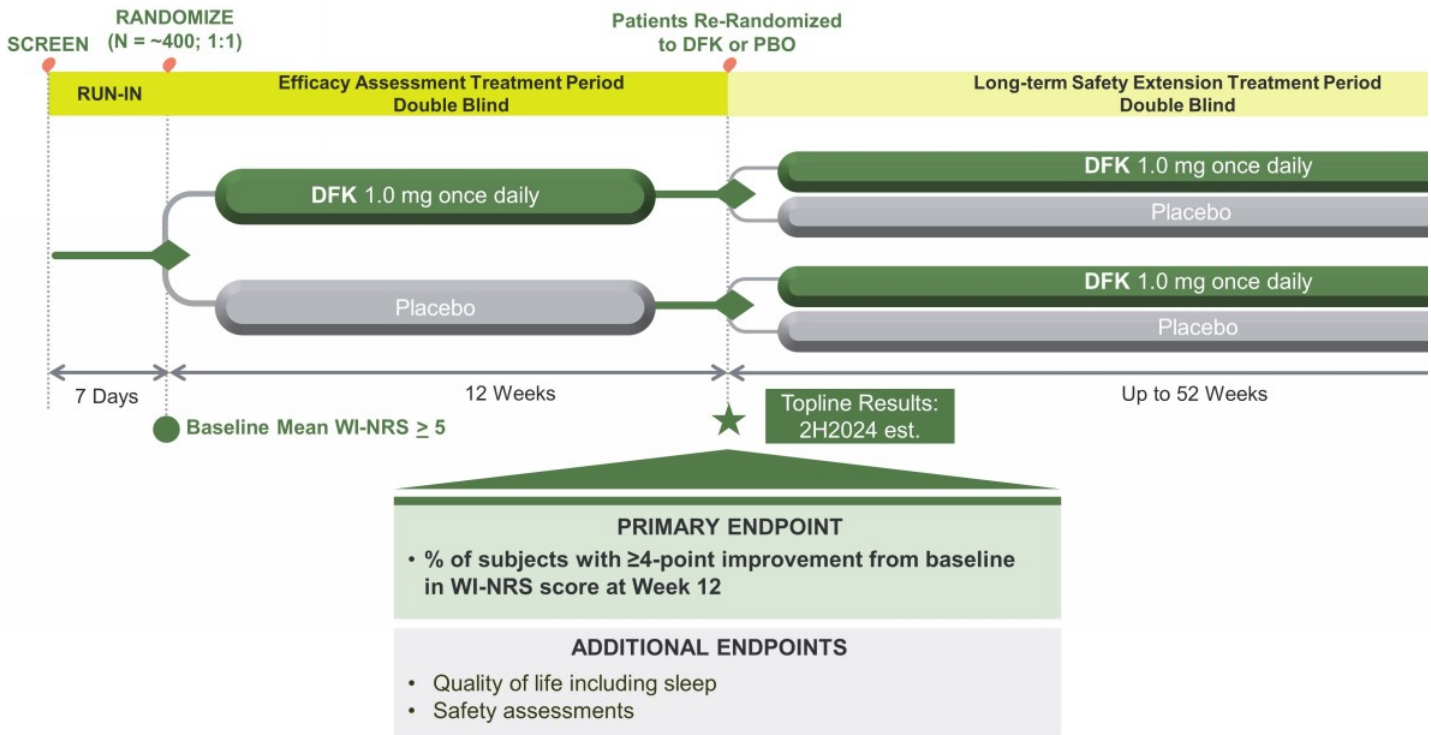
# KICK 1 & KICK 2: Patient Population

## STUDY PATIENT POPULATION

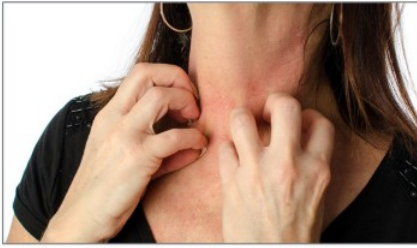
- Adults with advanced stage 4 and 5 CKD
- Chronic Pruritus for at least 6 months prior to screening
- Moderate to Severe Pruritus at Baseline (WI-NRS  $\geq 5$ )
- Allowed to be on stable treatment for itch including antihistamines and gabapentinoids

STAGE 1	STAGE 2	STAGE 3	STAGE 4	STAGE 5
Normal	Increased Risk	Kidney Damage	Reduced Function	Kidney Failure
Non Dialysis Dependent				
				Oral Difelikefalin (KICK trials)

# KICK 1 & KICK 2: Study Design



# Oral difelikefalin: potential to address significant need for an oral antipruritic in atopic dermatitis (A



Pruritus is a hallmark of AD, often called “the itch that rashes”<sup>1</sup>



Itch is considered the most burdensome AD symptom patients<sup>2</sup>, strongly and negatively impacts quality of li



~12M diagnosed patients that experience chronic prui

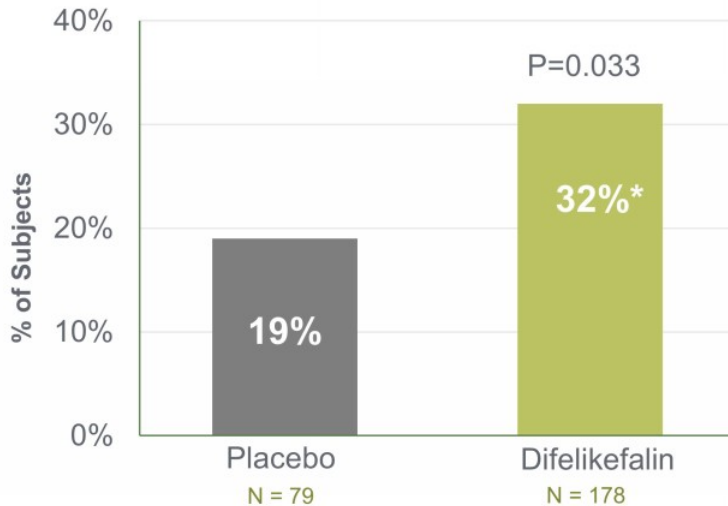


Targeting pruritus in AD remains unmet need

18 | 1. Correale CE et al. Atopic dermatitis: a review of diagnosis and treatment. *Am Fam Physician*. 1999. 60(4):1191-1198 2. Silverberg JI et al. Patient burden and quality of life in atopic dermatitis in US adults. *Annals of Allergy, Asthma, and Immunology* (2018). 121(3): 340-347 3. Legat FJ. Itch in atopic dermatitis – what is new? *Front Med (Lausanne)* 2021. 8:644760. 4. National Eczema Association. <https://nationaleczema.org/eczema/types-of-eczema/atopic-dermatitis/> 5. DRG Analysis. 6. Mollanazar NK, Smith PK, Yosipovitch G. Mediators of chronic pruritus in atopic dermatitis: getting the itch out? *Clin Rev Allergy Immunol*. (2016) 51:263–92. 7. Lipman et al. Current clinical options for the management of itch in atopic dermatitis. *Clin Cosmet Investig Dermatol*. 2021. 14:959-969 8. Kapur S et al. Atopic dermatitis. *Allergy Asthma and Clin Immunol*. 2018. 14(Suppl2):52.

# KARE STUDY: Phase 2 data in Atopic Dermatitis (

**Population: Mild to Moderate AD (BSA <10)**  
4-point Responder Analysis at Week 12



• All doses performed similarly (.25mg, .50mg, 1.0mg) versus PBO

- ✓ Anti-pruritic effect started at week 4 and was sustained through week 12
- ✓ Statistical significance achieved for registration endpoint (4-point responder rate) in mild-to-moderate AD population
- ✓ The drug was generally well tolerated

# KIND 1 & KIND 2: Patient Population

## STUDY PATIENT POPULATION

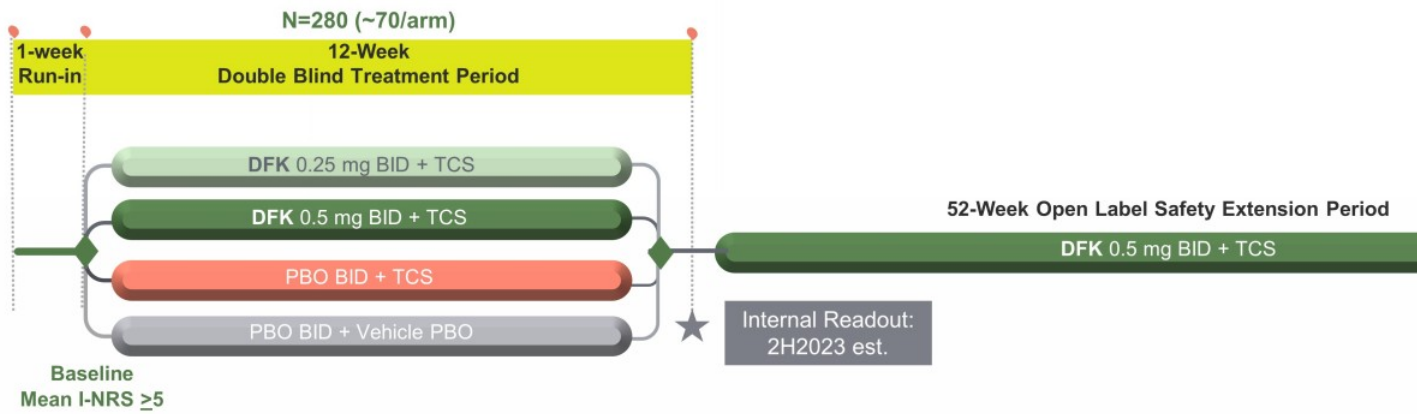
- Adults with AD-related pruritus not adequately controlled by topical therapy alone
- Chronic AD-related Pruritus  $\geq 6$  weeks
- Moderate to Severe Pruritus at Baseline (I-NRS  $\geq 5$ )
- Mild to severe Atopic Dermatitis:
  - IGA  $\geq 2$ , BSA  $\leq 20\%$
- Patients need to be washed out of any medication that may impact itch and/or AD prior to screening
- Stratification to BSA  $< 10\%$  and  $\geq 10\%$

## Target Enrollment

15%  
Patient Population  
BSA  $\geq 10\%$

**85%**  
Patient Population  
BSA  $< 10\%$

# KIND 1 Part A: Study Design

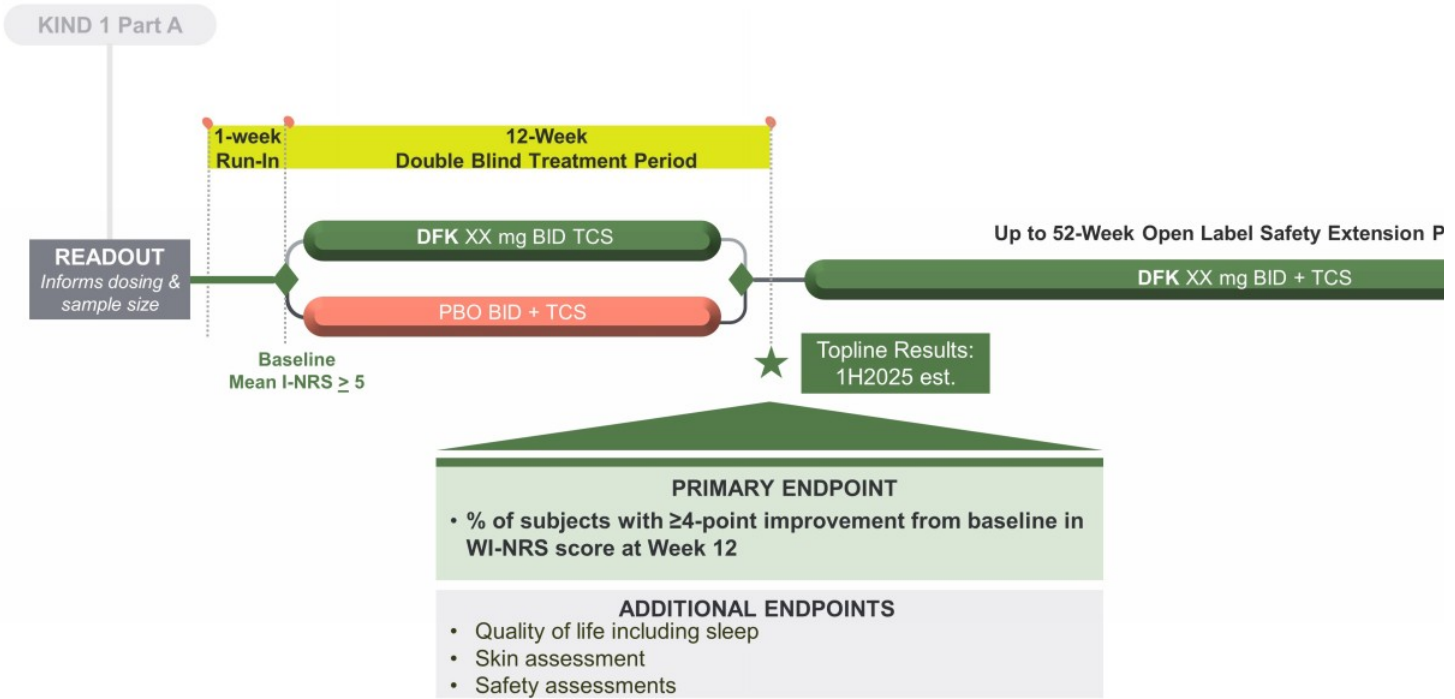


CRITERIA
<ul style="list-style-type: none"> <li>• % of subjects with <math>\geq 4</math>-point improvement from baseline in WI-NRS score at Week 12</li> <li>• Safety assessments</li> </ul>

INFORMATION
<ul style="list-style-type: none"> <li>• Dose</li> <li>• Sample size</li> </ul>



# KIND 1 Part B & KIND 2: Study Design



22 | KIND 1 Part B will include sites in North America only, while KIND 2 will include sites in North America and outside of North America

# Oral difelikefalin: potential to address significant need in Notalgia Paresthetica (NP)



**NP is a sensory neuropathic syndrome characterized by chronic pruritus<sup>3</sup>**



**Pruritus is burdensome and impairs quality of life<sup>1</sup>**



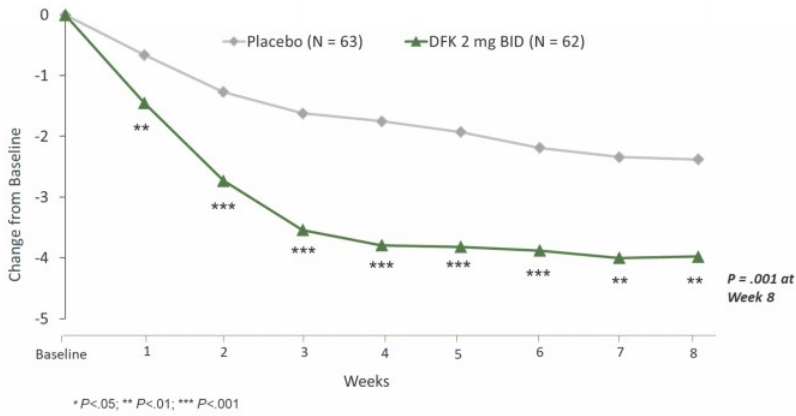
**Estimated >650K patients currently treated for NP<sup>2-5</sup>**



**No FDA-approved treatments; off label treatments are either ineffective or have tolerability issues<sup>1</sup>**

# Promising Phase 2 Data in First Well Controlled NP Study

## Primary Endpoint Change From Baseline in WI-NRS at Week 8



- ✓ Significant difference achieved between 2 mg BID oral difelikefalin and placebo in WI-NRS score at Week 8
- ✓ Rapid onset of action within Week 2 with sustained response through Week 8
- ✓ Significantly greater proportion of patients on difelikefalin with  $\geq 4$ -point improvement starting Week 2
- ✓ Generally well-tolerated with safety profile consistent with other clinical development programs

# Oral difelikefalin: potential in pruritus with Primary Biliary Cholangitis (PBC)



Pruritus is hallmark symptom of PBC and may be persistent and debilitating<sup>1</sup>



Associated with severe fatigue, sleep disturbance, and mental health issues<sup>2</sup>



Addressable patient population of ~50K<sup>3-4</sup>, with opportunity to establish efficacy in other chronic liver diseases



No FDA-approved treatments

**Phase 2 Readout Anticipated 2H 2022**

25 | 1. Carrion AF et al. Understanding and treating pruritus in primary biliary cholangitis. Clin Liver Dis 2018. 22:517-532. 2. Pinheiro NC et al. Refractory pruritus in primary biliary cirrhosis. BMJ Case Rep. 2013. doi:10.1136/bcr-2013-200634 3. Lu M et al. Factors Associated with Prevalence and Treatment of Primary Biliary Cholangitis in United States Health Systems. Clin Gastroenterol Hepatol (2018 Aug);16(8):1333-1341.e6. 4. Trivedi HD et al. Management of Pruritus in Primary Biliary Cholangitis: A Narrative Review. The American Journal of Medicine (2017) 130, 744e1-744e7

# Strong financial foundation to advance pipeline, e long-term growth

## Cash runway into 1<sup>st</sup> half 2024



- Runway does not include potential near term revenue from KORSUVA Injection profit split, Kapruvia royalties or commercial milestones
- Contractual economics expected to bring near term profitability on KORSUVA Injection

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## \$205M cash position June 30, 2022



- 54M shares outstanding and no debt
- We do not expect to incur commercial costs related to KORSUVA Injection or Kapruvia

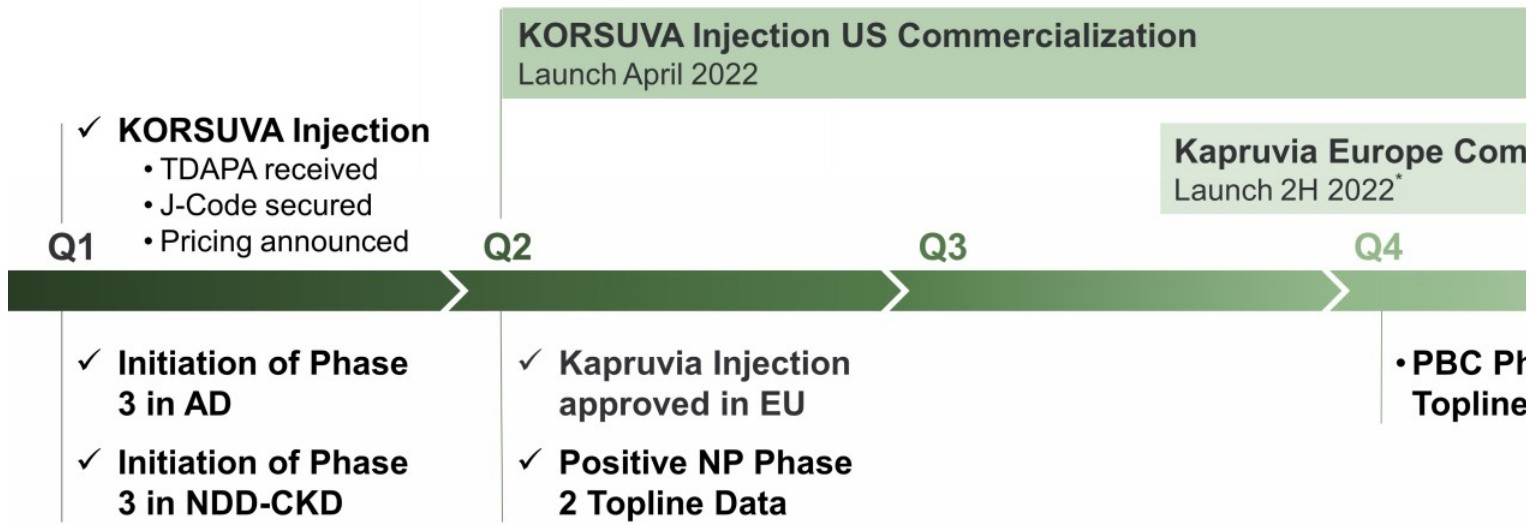
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## Continued pipeline growth



- We have the resources to continue development of the oral difelikefalin platforms

# 2022 Value Catalysts to Drive Long-term Growth\*



\*Anticipated Timeline



**THANK YOU**

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