# 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): January 09, 2023

# **RELAY THERAPEUTICS, INC.**

(Exact name of Registrant as Specified in Its Charter)

Delaware (State or Other Jurisdiction of Incorporation) 001-39385 (Commission File Number) 47-3923475 (IRS Employer Identification No.)

399 Binney Street Cambridge, Massachusetts (Address of Principal Executive Offices)

02139 (Zip Code)

Registrant's Telephone Number, Including Area Code: (617) 370-8837

Not Applicable

(Former Name or Former Address, if Changed Since Last Report)

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:

□ 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)

D Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

D 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:

	Trading	
Title of each class	Symbol(s)	Name of each exchange on which registered
Common Stock, par value \$0.001 per share	RLAY	NASDAQ Global Market

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  $\Box$ 

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.

Relay Therapeutics, Inc. (the "Company") will be conducting meetings with participants attending the 41st Annual J.P. Morgan Healthcare Conference (the "Conference") during the week of January 9, 2023. A copy of the slides to be presented by the Company at the Conference is furnished as Exhibit 99.1 to this Current Report on Form 8-K, which is incorporated herein by reference.

The information in this Item 7.01, including Exhibit 99.1 attached hereto, is intended to be furnished and shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise subject to the liabilities of that section, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended, or the Exchange Act, except as expressly set forth by specific reference in such filing.

#### Item 9.01 Exhibits.

- 99.1 <u>41st Annual J.P. Morgan Healthcare Conference Company Presentation, dated January 2023, furnished herewith.</u>
- 104 Cover Page Interactive Data File (embedded within Inline XBRL document).

#### 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 thereunto duly authorized.

#### **RELAY THERAPEUTICS, INC.**

Date: January 9, 2023

By: /s/ Brian Adams

Brian Adams, J.D. Chief Legal Officer





2

This presentation contains forward-looking statements and information about our current and future prospects and our operations and financial results, which are based on currently available information. All statements other than statements of historical facts contained in this presentation, including statements regarding our strategy, future [inancial condition, future operations, projected costs, prospects, plans, objectives of management and expected market growth, are forward-looking statements in some cases, you can identify forward-looking statements by terminology such as "oim," "onlicipate," "assume," "believe," "contempter," "content," "design," due, "gestimete," "contentions, "rojected costs, prospects, plans, objectives of management and expected market growth, are forward-looking statements is by terminology such as "oim," "ever," "source," "agai," "intend," "may," "objective," "comparable terminology. These forward-looking statements is out the initiation, timining, progress and results of our current and future events and future preclinical studies of our product candidates; the timing of disclosures regarding our plevine and additional clinical data for RLY-4008 and initial clinical data for RLY-4008, the potential therapeutic benefits of our product candidates; the topsibility that unconfirmed results whether preliminary results from our preclinical or clinical trials of our product candidates; the possibility to the comparable termination to interime diving additore store of the final results of the trials or any four conduct candidates; the expessibility to the clinical trials for any product candidates; the possibility to unconfirmed result will no the confirmed by additional data as for any roduct candidates; the possibility to unconfirmed result will no the confirmed by additional data store process contacted and arket opportunities for our product candidates; the possibility to timo addito the constative store and strategic relationships for our product candidates; expectations regarding ou

Actual results or events could differ materially from the plans, intentions and expectations disclosed in the forward-looking statements we make due to a number of risks and uncertainties. These and other risks, uncertainties and important factors are described in the section entitled "Risk Factors" in our most recent Annual Report on Form 10-K or most recent Quarterly Report on Form 10-Q, as well as any subsequent filings with the Securities and Exchange Commission. Any forward-looking statements represent our views only as of the date of this presentation and we undertake no obligation to update or revise any forward-looking statements, whether as a result of new information, the occurrence of certain events or otherwise. We may not actually cachieve the plans, intentions disclosed in undertake no obligation statements, and you should not place undue reliance on our forward-looking statements. No representations or ward-looking statements, and you should not place undue reliance on our forward-looking statements. No representations or ward-looking statements.

Certain information contained in this presentation relates to or is based on studies, publications, surveys and other data obtained from third-party sources and our own internal estimates and research. While we believe these third-party studies, publications, surveys and other data to be reliable as of the date of this presentation, we have not independently verified, and make no representation as to the adequacy, fairness, accuracy or completeness of, any information obtained from third-party sources. In addition, no independent source has evaluated the reasonableness or accuracy of our internal estimates or research and no reliance should be made on any information or statements made in this presentation relating to or based on such internal estimates and research.

This presentation contains trademarks, trade names and service marks of other companies, which are the property of their respective owners.

## **Relay Tx – Patient-Driven**





## Relay Tx – Dynamo<sup>™</sup> Platform





# **Relay Tx – Execution Focused**



Oncology Portfolio Rapidly Advancing	RELAY	Relay Tx – Extensive Precision Medicine Pipeling	
Company Precision Original Precision Original Precision Original Precision Private Precision Precisi	<pre>21 21 21 21 20 20 20 20 20 20 20 20 20 20 20 20 20</pre>	Lington       Program       Program       Program         Name       Nam       Nam       Name </th <th>Programs 3 assets in clinic 3 disclosed programs 5 disclosed programs 5 disclosed programs 5 disclosed programs 5 disclosed programs 9 latform: + ML-DEL an</th>	Programs 3 assets in clinic 3 disclosed programs 5 disclosed programs 5 disclosed programs 5 disclosed programs 5 disclosed programs 9 latform: + ML-DEL an



	Target	Pr	ogram	Preclinical	Early Clinical	Late Clinical	Annual US Patient #
	PI3Kα franchise	DIDK-PAN	RLY-2608 <sup>2</sup>				~8-51K
-2		ΡΙ3κα	RLY-5836 <sup>2</sup>				~50-156K all solid tumors
ance		ΡΙ3Κα <sup>SPECIFIC</sup>	H1047R-specific				~4-25K ~15-48K all solid tumors
Breast C	CDK2	Selective CDK2					~46K <sup>3</sup> (Patients receiving CDK4/6i)
	Degrader EQŖ	ERα Degrader					~ <b>2</b> 9-196K <sup>4</sup>
	Undisclosed	1 program					To be announced
	FGFR2	RLY-4008 <i>Mutant + WT</i>		Breast Cancer CCA + other			~11-35K⁵
imor nostic	SHP2 Genentech	GDC-1971					~37-69K <sup>6</sup>
Agr	Undisclosed	2 programs					To be announced
B	Genetic diseases	2 programs					To be announced

Note: Unless otherwise indicated, patient #'s refer to total annual number of US patients with late-line cancers compared to comprehensive annual incidence that may be amenable to treatment with our programs 1. Unless otherwise indicated, all breast cancer patient numbers refer to HR+/HER2- breast cancer patients expected to receive CDK 4/6 inhibitors in adjuvant setting, first-line setting in 2023, per Decision Resources Breast Cancer Market Forecast, report dated June 2022 4. HR+/HER2- US late-line breast cancer patients compared to CMPrehensive annual FGFR2 altered incident breast cancer patients. Forefalter date date-line solid tumors compared to comprehensive annual FGFR2 altered incident breast cancer patients and rearrangements resulting from truncation of the protein at exon 18 6. SHP2 combo only includes KRAS G12C in lung and CRC, EGFR mutations in lung, and ALK fusions in lung Confidential | © 2023 Relay Therapeutics 6 Compared to comprehensive annual FGFR2 altered incident to patient solid tumors including additional FGFR gene fusions and rearrangements resulting from truncation of the protein at exon 18 6. SHP2 combo

## Relay Tx – Capital, Team & Execution Focus to Deliver









Relay Tx Programs



9

	Target	Р	rogram	Preclinical	Early Clinical	Late Clinical
		DI2K-PAN	RLY-2608			
5	PI3Kα franchise	ΡΙ3Κα	RLY-5836			
Cance		<b>ΡΙ3Κα<sup>SPECIFIC</sup></b>	H1047R-specific			
east (	CDK2	Selective CDK2	2			
Bre	Degrader EQ®:	ERα Degrader				
	Undisclosed	1 program				
	FGFR2	RLY-4008 <i>Mutant + WT</i>		Breast Cancer CCA + other		
imor nostic	SHP2 Genentech	GDC-1971				
Tu Agr	Undisclosed	2 programs				
G	Genetic diseases	2 programs				

### FGFR2 – Validated Target Present in Several Tumor Types



10



Sources: Image adapted from Babina IS, Turner NC. Nat Rev Cancer 2017;17: 318-332; Internal analysis based on third party industry data 1. All patient #'s refer to total annual number of US patients with late-line cancers vs. comprehensive annual incidence that may be amenable to treatment with our programs including additional FGFR gene fusions and rearrangements resulting from truncation of the protein at exon 18; 2. Cholangio, cholangio, carcinoma (CCA); CUP, carcinoma unknown primary; 3. FGFR2 fusion estimates include del18 truncations; 4. Based on pemigatinib, erdafitinib, and futibatinib prescribing information; 5. Erdafitinib is approved for urothelial carcinoma with FGFR2/3 alternations Confidential | © 2023 Relay Therapeutics





Sources: Pemigatinib – prescribing information; futibatinib – prescribing information; erdafitinib – prescribing information 1. From pemigatinib NDA review documents: "Pemigatinib 13.5 mg daily provided 76% inhibition of ex vivo phosphorylated FGFR2α at trough" Confidential [] 0.2023 Relay Therapeutics

# FGFR2 – Standard Approach to Discovery Has Had Limited Success



12





13

<figure><figure><complex-block><complex-block><complex-block><complex-block><complex-block><image><image><image><image><image><image><image><image><image><image><image><image>

# RLY-4008 – Is A Highly Selective and Irreversible Inhibitor





#### **RLY-4008 – ReFocus Trial Design**





Data cut-off: August 01, 2022; efficacy analysis includes patients with measurable disease who had opportunity for >2 tumor assessments or discontinued treatment with <2 tumor assessments Confidential | © 2023 Relay Therapeutics

## **RLY-4008 – Patient Characteristics**



	Fusion+ CCA	FGFRi-Naïve <sup>1</sup>	
Parameter	70 mg QD (N=17)	All doses (N=38)	Total (N=195) <sup>2</sup>
Age (years), median (range)	57 (36-81)	58 (33-81)	59 (23-87)
Female, %	59%	58%	62%
Race, %			
White / Asian / Black / Unknown	41% / 24% / 0% / 35%	58% / 21% / 3% / 18%	63% / 15% / 4% / 18%
ECOG PS <sup>3</sup> , %			
0	53%	50%	38%
1	47%	50%	58%
2	0%	0%	3%
Prior lines of systemic therapy, %			
0	0%	0%	2%
1	41%	47%	20%
2	47%	32%	29%
3+	12%	21%	49%
Baseline sum of target lesions (RECIST 1.1, mm), median (range)	57 (10-157)	63 (10-216)	79 (10-274)

I. Efficacy analysis includes patients with previously treated, FGFR2i-naïve CCA treated at the RP2D. Patients with measurable disease who had opportunity for ≥2 tumor assessments to confirm response or discontinued treatment with <2 tumor assessments</li>
 2. Patients in safety population who received ≥1 dose of RLY-4008 at any dose level
 3. ECOG PS = Eastern Cooperative Oncology Group Performance Scale
 Data cut-off: August 01, 2022; efficacy analysis includes patients with measurable disease who had opportunity for ≥2 tumor assessments or discontinued treatment with <2 tumor assessments</li>

#### **RLY-4008 – Interim Response Data**

FGFRi-Naïve Fusion+ CCA Patients at Pivotal Dose (70 mg QD)



1. Confirmed ORR = 82%: 14 confirmed PRs, 1 unconfirmed PR in an ongoing patient; 2. Complete tumor resection: R0 resection performed in curative intent, patient remains no evidence of disease as of 31 May 2022; 3. Referenced approved pan-FGFRi are Pemigatinib and Infigratinib; ORR based on prescribing information. These data are derived from different clinical trials at different points in time, with differences in trial design and patient populations. As a result, cross-trial comparisons cannot be made, and no head-to-head clinical trials have been conducted. Data cut-off: August 01, 2022; efficacy analysis includes patients with measurable disease who had opportunity for ≥2 tumor assessments or discontinued treatment with <2 tumor assessments

Confidential | @ 2023 Re

RELAY

#### **RLY-4008 – Interim Response Data**

FGFRi-Naïve Fusion+ CCA Patients Across All Doses



QDi = once daily dosing on an intermittent schedule (3 weeks on drug, 1 week off); BID = twice daily dosing 1. Confirmed ORR = 58%: 22 confirmed PRs, 2 unconfirmed PR

2. Complete tumor resection: R0 resection performed in curative intent, patient remains no evidence of disease as of 31 May 2022 Data cut-off: August 01, 2022; efficacy analysis includes patients with measurable disease who had opportunity for ≥2 tumor assessments or discontinued treatment with <2 tumor assessments Confidential | @ 2023 Re

RELAY

## RLY-4008 – Time on Treatment for Fusion+ CCA FGFRi-Naïve Patients (All Doses)





# **RLY-4008** – Treatment-Related Adverse Events (TRAEs) Interim Profile TRAEs $\geq$ 15%





\* 1 hypersensitivity, 1 retinal pigment epithelial detachment, both resolved

Data cut-off: August 01, 2022; efficacy analysis includes patients with measurable disease who had opportunity for >2 tumor assessments or discontinued treatment with <2 tumor assessments

## **RLY-4008** Poised for Tumor Agnostic Validation Across FGFR2 Alterations





Data presented at 2021 ENA Meeting (data as of 09 September 2021)

## **Relay Tx Solution – Addressing Unmet Need Through Greater Selectivity**





Sources: KINOMEscan<sup>TM</sup> by Eurofins DiscoverX; RLY-4008 data as presented at ESMO Congress 2022 1. Interim data as of 01 August 2022; 2. Single experiment that tested each compound run at 500nM against 468 targets in the absence of ATP and without preincubation; 3. Toxicity rates across all doses, n=195 patients Confidential | © 2023 Relay Therapeutics

## RLY-4008 – ReFocus Trial







	Target	Pr	ogram	Preclinical	$\rangle$	Early Clinical	$\rangle$	Late Clinical
		DIOK- PAN	RLY-2608					
-	PI3Kα franchise	FISRU	RLY-5836					
Cance		<b>ΡΙ3Κα<sup>SPECIFIC</sup></b>	H1047R-specific					
east (	CDK2	Selective CDK2						
Br	Degrader EQ <sub>®∗</sub> ∵	ERα Degrader						
	Undisclosed	1 program						
	FGFR2	RLY-4008 - Mut	ant + WT	Breast Cancer				
mor tostic	SHP2 Genentech	GDC-1971		CCA + other				
	Undisclosed	2 programs						
G	Genetic diseases	2 programs						

Confidential | © 2023 Relay Therapeutics



25



Source: Internal analysis based on third party industry data 1. Standard of care for HR+/HER2- breast cancer is illustrative; 2. Al = Aromatase Inhibitor; SERD: Selective Estrogen Receptor Degrader; ET = Endocrine Therapy







	Target	Pro	ogram	Preclinical	$\rangle$	Early Clinical	$\rangle$	Late Clinical
		DIDK-PAN	RLY-2608					
5	PI3Kα franchise	PISKa	RLY-5836					
Cance		PI3Kα <sup>SPECIFIC</sup>	H1047R-specific					
ast (	CDK2	Selective CDK2						
Bre	Degrader EQ®	ERα Degrader						
	Undisclosed	1 program						
	FGFR2	RLY-4008 Mutant + WT		Breast Cancer CCA + other				
	SHP2 Genentech	GDC-1971						
	Undisclosed	2 programs						
G	Genetic diseases	2 programs						

Confidential | © 2023 Relay Therapeutics





Pan-mutant selective drug is a significant ...with HR+/HER2- breast cancer as the single largest indication with PI3Ka mutations



Sources: Internal analysis based on third party industry data 1. Annual incidence of Solid tumors with PI3Kα H1047R, PI3Kα H1047X, PI3Kα E542X + E545X alterations; 2. Clear Cell Ovarian Cancer; 3. Head & Neck Squamous Cell Carcinoma; 4. HR+/HER2- breast cancer patient population with a PI3Kα hotspot alteration; alterations include: H1047X, E542X, E545X Confidential | © 2023 Relay Therapeutics

## **PI3Kα – Existing Inhibitors Have Limited Therapeutic Window**





Note: fulv = fulvestrant; BC= breast cancer; all referenced studies are for their patient populations which are analogous to ongoing patient populations within RIY-2608 clinical trials; Alpelisib and fulvestrant are FDA approved, Inavolisib is in Phase 3 clinical trials Sources: Alpelisib – 1. SOLAR-1: Andre 2019 N Engl J Med 380:1929, 2. Ph 1b: SABCS 2013 P2-16-14, 3. Ph 1b: SABCS 2014 PD5-5, 4. Ph 2 ByLIEVE: Rugo 2021 Lancet Oncol 22:489, SABCS 2021 #P1-18-03, 5. Ph 1b mono: Annals of Oncol 25 2014 (suppl 4), 6. Ph 2 mono: Savas Cancer Discov 2022 Sep 12:2058, 7. Ph 1a mono: Juric 2018 J Clin Oncol 36:1291; Inavolisib – 8. ASCO 2022 #1052, 9. SABCS 2020 #P51-11, 10. AACR 2020 CT109, 11. SABCS 2019 P1-19-46, 13. SABCS 2021 #P5-17-05; Confdential [] @ 2023 Relay Therapeutics [] @ 2023 Rel

## **PI3Kα – Proprietary Insights Unlock Novel Approaches**





## RLY-2608 – Mutant and Isoform Selectivity

Mutant vs. WT PI3Kα potency



Mutant PI3Kα vs. other isoform potency





Source: RLY-2608 data as presented in 2021 AACR-NCI-EORTC Molecular Targets Conference poster presentation

Confidential | © 2023 Relay Therapeutics





## **RLY-2608 – Reduced Impact on Glucose Homeostasis**





#### Hyperglycemia Definitions (CTCAE v5.0)

Grade	CTCAE Definition (v5.0)
Gr 1	Abnormal glucose above baseline, no medical intervention
Gr 2	Change in daily management from baseline for diabetic; oral antiglycemic agent initiated; workup for diabetes
Gr 3	Hospitilization indicated; insulin therapy initiated
Gr 4	Life-threatening consequences; urgent intervention indicated
Gr 5	Death

In higher species, dosing of RLY-2608 for 28 days showed no histopathological or ophthalmic findings associated with hyperglycemia

Source: NIH, Common Terminology Criteria for Adverse Events (CTCAE) version 5.0 Confidential |  $\square$  2023 Relay Therapeutics

#### **RLY-2608 – In Vivo Tumor Regressions**





#### RLY-2608 – First Mutant Selective Inhibitor to Enter the Clinic





## **RLY-2608**-Trial Design





1. Excludes PIK3CA mutation er local assessment; 3. Intolerance to PI3Kα inhibitors is defined as one major PIK3CA mutation (E542X, E545X, H1047X) + ≥1 additional PI3KCA mutation per local assessment; 3. Intolerance to PI3Kα inhibitors is defined as treatment discontinuation due to treatment-related AE (e.g., hyperglycemia, rash, diarrhea, stomatitis) other than severe hypersensitivity reaction and/or life-threatening reactions, such as anaphylaxis and Stevens-Johnson syndrome.

## RLY-2608 – Data Disclosure







	Target	Pro	ogram	Preclinical	$\rangle$	Early Clinical	$\rangle$	Late Clinical
		DIDK-PAN	RLY-2608					
5	PI3Kα franchise	ΡΙ3Κα' "	RLY-5836					
Cance		PI3Kα <sup>SPECIFIC</sup>	H1047R-specific					
ast (	CDK2	Selective CDK2						
Bre	Degrader EQ®:	ERα Degrader						
	Undisclosed	1 program						
	FGFR2	RLY-4008 Mutant + WT		Breast Cancer CCA + other				
	SHP2 Genentech	GDC-1971						
	Undisclosed	2 programs						
9	Genetic diseases	2 programs						

Confidential | © 2023 Relay Therapeutics

# RLY-5836 – Similar Pre-clinical Profile, Different Chemical Properties from RLY-2608







	Target	Pr	ogram	Preclinical	Early Clinical	Late Clinical
		DIDK-PAN	RLY-2608			
_		ΡΙ3ΚαΡΑΝ	RLY-5836			
Cance	PI3Kα franchise	ΡΙ3Κα <sup>specific</sup>	H1047R-specific			
east (	CDK2	Selective CDK2				
Bre	Degrader EQ <sub>®-</sub> ∵	ERα Degrader				
	Undisclosed	1 program				
0	FGFR2	RLY-4008 Mutant + WT		Breast Cancer CCA + other		
	SHP2 Genentech	GDC-1971				
	Undisclosed	2 programs				
9	Genetic diseases	2 programs				

Confidential | © 2023 Relay Therapeutics





# ERα Degrader – Rapidly Obtained Potent Compounds









Confidential | © 2023 Relay Therapeutics



	Target	P	rogram	Preclinical	Early Clinical	Late Clinical
		DIOK	RLY-2608			
	PI3Kα franchise	ΡΙΣΚα	RLY-5836			
		<b>ΡΙ3Κα</b> <sup>SPECIFIC</sup>	H1047R-specific			
	CDK2	Selective CDK2	2			
	Degrader EQ <sub>R</sub> :	ERα Degrader				
	Undisclosed	1 program				
0	FGFR2	RLY-4008 Mutant + WT		Breast Cancer CCA + other		
Imor	SHP2 Genentech	GDC-1971				
Agr	Undisclosed	2 programs				
8	Genetic diseases	2 programs				

Confidential | © 2023 Relay Therapeutics





Source: World Lung 2022 #OA03.04
1. As of December 31, 2022: \$105 million in upfront & milestone payments received, plus an opt-in option for 50/50 profit share and up to \$690M in potential additional total milestones, low-to-mid teen royalties on global net sales plus eligible to receive additional royalties upon approval of GDC-1971 and GDC-6036 in combination



	Target	Pr	ogram	Preclinical	Early Clinical	Late Clinical
		DIDI/PAN	RLY-2608			
5	PI3Kα franchise	PISKO	RLY-5836			
Cance		<b>ΡΙ3Κα<sup>SPECIFIC</sup></b>	H1047R-specific			
ast (	CDK2	Selective CDK2				
Bre	Degrader EQ®	ERα Degrader				
	Undisclosed	1 program				
	FGFR2	RLY-4008 Mutant + WT		Breast Cancer CCA + other		
Imor Jostic	SHP2 Genentech	GDC-1971				
Tr. Agi	Undisclosed	2 programs				
B	Genetic diseases	2 programs				

Confidential | © 2023 Relay Therapeutics







	Target	Program		Preclinical	Early Clinical	Late Clinical	Annual US Patient #	
Breast Cancer <sup>1</sup>	PI3Kα franchise	ΡΙ3Κα <sup>ραΝ</sup>	RLY-2608 <sup>2</sup>				~8-51K	
			RLY-5836 <sup>2</sup>		)		~50-156K all solid tumors	
		ΡΙ3Κα <sup>SPECIFIC</sup>	H1047R-specific				~4-25K ~15-48K all solid tumors	
	CDK2	Selective CDK2					~46K <sup>3</sup> (Patients receiving CDK4/6i)	
	Degrader EQŖ	ERa Degrader					~29-196K <sup>4</sup>	
	Undisclosed	1 program					To be announced	
Tumor Agnostic	FGFR2	RLY-4008 <i>Mutant + WT</i>		Breast Cancer CCA + other			~11-35K⁵	
	SHP2 Genentech	GDC-1971					~37-69K <sup>6</sup>	
	Undisclosed	2 programs					To be announced	
ß	Genetic diseases	2 programs					To be announced	

Note: Unless otherwise indicated, patient #'s refer to total annual number of US patients with late-line cancers compared to comprehensive annual incidence that may be amenable to treatment with our programs 1. Unless otherwise indicated, all breast cancer patient numbers refer to HR+/HER2- breast cancer tumors 2. RLY-2608 covers H1047X, E542X, E545X hot spots, and breast cancer patient range assumes HR+/HER2- population 3. ~46k HR+/HER2- breast cancer patients expected to receive CDK 4/6 inhibitors in adjuvant setting, first-line setting in 2023, per Decision Resources Breast Cancer Market Forecast, report dated June 2022 4. HR+/HER2- US late-line breast cancer patients compared to RH\*/HER2- US incident breast cancer patients. SLF6P2 altered late-line solid tumors compared to annot protein at exon 18 6. SHP2 combo only includes KRAS G12C in lung and CRC, EGFR mutations in lung, and ALK fusions in lung Confidential | © 2023 Relay Therapeutics 48

## Relay Tx – Capital, Team & Execution Focus to Deliver





## Relay Tx 2021 ESG Report – Continuing Our ESG Journey





