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PHARMACEUTICALS

Chronic Myeloid Leukemia Webinar

NASDAQ: TERN

July 25, 2023

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Opening Remarks

Erin Quirk, M.D., President & Head of R&D Terns

Terns Pipeline: Rational Drug Design to Improve on Validated MoAs

3 Clinically Validated Mechanisms

3 Indications with Unmet Need

3 Key Characteristics

1

TERN-701:

Allosteric BCR-ABL inhibitor

- U.S. Ph 1 initiation in 2H23; interim top-line readouts from initial cohorts in 2024

Chronic Myeloid Leukemia

- Orphan indication supporting ~\$5B market¹ across multiple similar active-site TKIs

2

TERN-501:

THR- β agonist

- DUET top-line data expected in 3Q23; primary endpoint of MRI-PDFF at week 12 for 501 vs. pbo

NASH

- No approved drugs to date
- Potentially differentiated CV / GI profile versus peer THR- β molecules²

3

TERN-601:

Oral/small-molecule GLP-1RA

- Ph 1 obesity trial initiation in 2H23, QD dosing to assess weight loss and PK; initial data in 2024

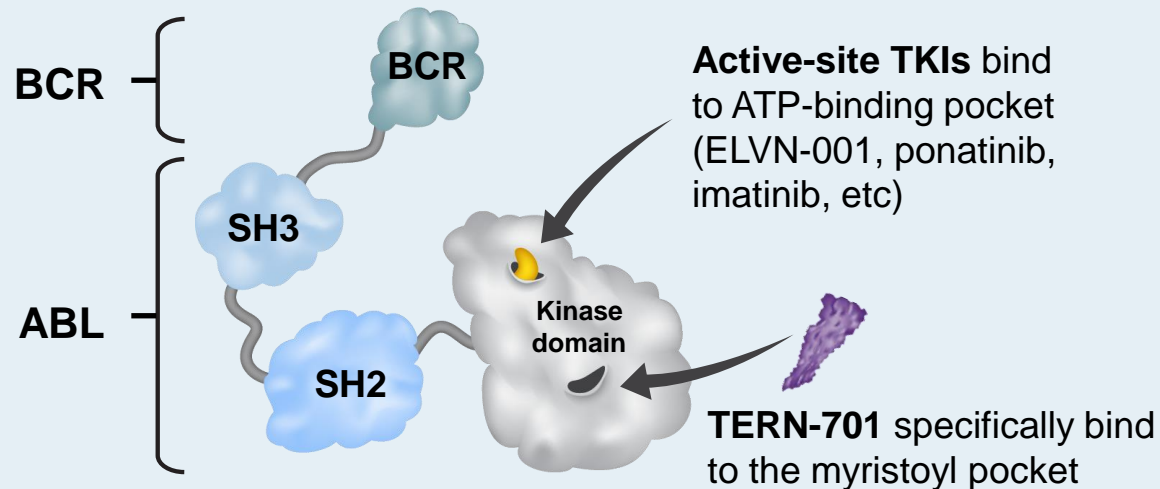
Obesity

- ~\$30B market³ limited by supply / cost of peptides
- Oral drugs expected to expand market access potential

- ✓ Oral administration
- ✓ Small-molecule
- ✓ Internally-discovered

TERN-701: Terns' Allosteric TKI for CML

Active BCR-ABL1 → Cell proliferation / reduced apoptosis



Inactive BCR-ABL1 → Cell death

- CML is an **orphan indication** with **sizeable market (\$5B+)** and a need for **multiple agents**
- **Frequent switching** occurs between TKIs, most commonly due to intolerance
- **Allosteric** BCR-ABL TKIs have significant (~2x) efficacy improvement over older standard-of-care active-site inhibitors and are better tolerated
- 1st approved allosteric TKI, asciminib, expected to be a **blockbuster in 3L CML** and is being developed for 1L
- TERN-701 is an **internally-developed allosteric** TKI with an expected profile \geq asciminib
- Phase 1 trial in CML patients initiated by Hansoh in 2Q 2022 in China; **Terns' Phase 1 clinical trial initiation targeted in 2H 2023**

Experienced Leadership Team with Deep Industry Expertise



- Emil Kuriakose, M.D. joined in May 2023 as chief medical officer of Terns oncology. Dr. Kuriakose; 10+ years of drug development
- Previously chief medical officer at Calithera Biosciences, led the transition of two mid-stage clinical programs with subsequent rapid initiation of two phase 2 studies.
- Previously, Dr. Kuriakose served as global clinical program lead at Novartis Institutes for BioMedical Research (NIBR),
- Fellow at Weill Cornell Medical College, and as a research fellow at Memorial Sloan Kettering Cancer Center
- Dr. Kuriakose earned an M.D. from SUNY Stony Brook University School of Medicine and a B.S. in Neuroscience from New York University.



Agenda & KOL Introductions

Emil Kuriakose, M.D., CMO, Oncology

Agenda

- KOL Introduction
- Chronic Myeloid Leukemia Overview
- Fireside Chat: Allosteric vs. Active-Site TKIs
- TERN-701 Overview / Update
- Q&A

Emil Kuriakose, M.D., CMO, Oncology

Jorge Cortes, M.D., Georgia Cancer Center

Michael Mauro, M.D., MSKCC & Emil Kuriakose, M.D.

Emil Kuriakose, M.D.

Sen Sundaram, CEO, Erin Quirk, M.D., Emil Kuriakose, M.D. & Jorge Cortes, M.D.

KOL Bios



➤ **Jorge Cortes, M.D.**
Director, Georgia Cancer Center
Cecil F. Whitaker Jr. GRA Eminent Scholar
Chair in Cancer
Augusta University

- Prior to joining Augusta University, Dr. Cortes was at The University of Texas MD Anderson Cancer Center where he held numerous roles including Deputy Department Chair of the Leukemia department, Chair of AML and CML Sections, Deputy Division Chair for MDACC Network.
- His clinical interest focuses on new drug development and the management of patients with MDS, acute and chronic leukemias, and MPNs and has authored more than 1,000 peer-review original research manuscripts.
- Dr. Cortes has over 230 grants and contracts where he was principal investigator and has led the approval of 4 drugs currently available for patients with leukemia.



➤ **Michael Mauro, M.D.**
Leader, Myeloproliferative Neoplasms
Program, Leukemia Service
Memorial Sloan Kettering Cancer Center

- Before joining MSK, Dr. Mauro was on the faculty of Oregon Health and Sciences University for 13 years.
- There he directed the CML clinical trial program and was involved in the early development and sentinel clinical study of targeted therapy for CML from imatinib (Gleevec) onwards.
- Dr. Mauro's clinical expertise is in treating patients with CML as well as other myeloproliferative disorders with a focus in therapy optimization, novel therapies, treatment free remission and pregnancy/fertility.



Chronic Myeloid Leukemia Overview

Jorge Cortes, M.D., Georgia Cancer Center

Updates in CML Management

Jorge Cortes, MD
Director, Georgia Cancer Center

Disclosure Information

- Grant or research support (to my institution) from *BMS, Novartis, Pfizer, Sun Pharma, Takeda*
- Paid Consultant for *Novartis, Pfizer, Sun Pharma, Takeda, Terns*

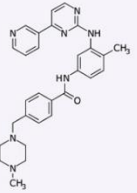
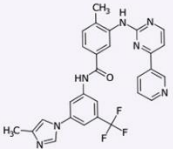
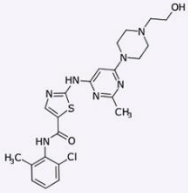
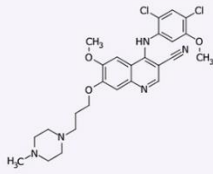
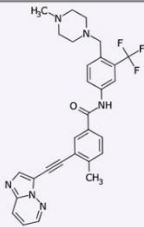
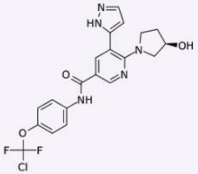
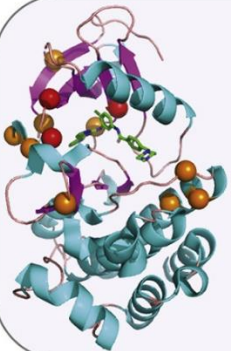
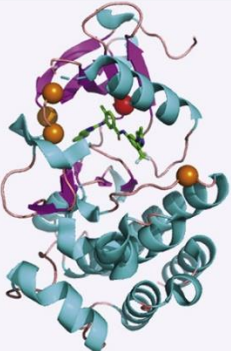
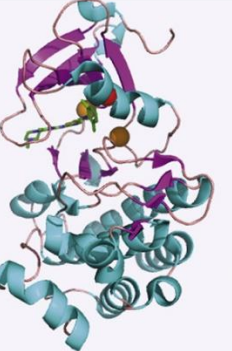
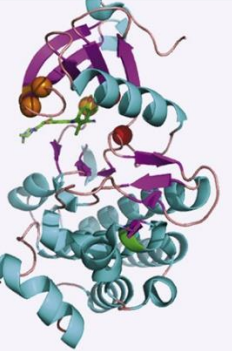
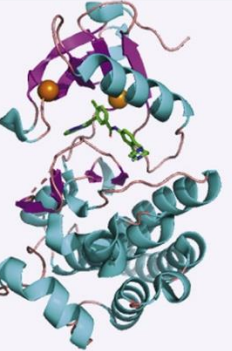
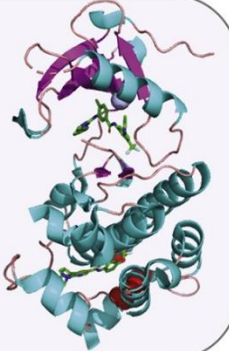
CML: The Current Status

- **Six TKI approved**
- **High rates of response**
- **Low rates of transformation**
- **Near-normal life expectancy**
- **TFR: a reality in standard practice**

However...

- ~40% change therapy by 5 yrs
- ~60% achieve MR4.5 by 10 yrs
- ~50% have sustained MR4.5 by 10 yrs
- ~50% resume therapy after TFR
- CCyR with 2GTKI ~40% after imatinib resistance
- 2nd line TKI discontinuation ~50-80% by 2 yrs
- 3rd line TKI *BCR::ABL1* <1% ~45%
- 3rd line TKI discontinuation ~40-50% by 2 yrs
- Arterio-occlusive events with most TKI

BCR-ABL1 Tyrosine Kinase Inhibitors

Inhibitor	Imatinib	Nilotinib	Dasatinib	Bosutinib	Ponatinib	Asciminib
Chemical Structure						
Crystal Structure						
Binding Conformation	Inactive	Inactive	Active	Both	Inactive	Myristoyl Pocket
Resistance	Y253 Q252 E255 F317 T315 M351 M244 M355 L248 F359 G250 H396	T315 L248 Y253 E255 F359	T315 V299 F317	T315 V299 L248 G250 E255 F317		A337 W464 P465 V468 I502

Selecting Frontline TKI

Why Imatinib?
Longer follow-up
Less CV toxicity
Equal EFS, OS
Effective salvage
Cost

CML-CP

Frontline
TKI

Why 2G-TKI?
Faster responses
Deeper responses
More responses (CCyR, MMR, MR4.5)
More susMR4.5 (more TFR)
Fewer transformations
Trend for fewer events

Imatinib

2G-TKI

Dasatinib

Nilotinib

Bosutinib

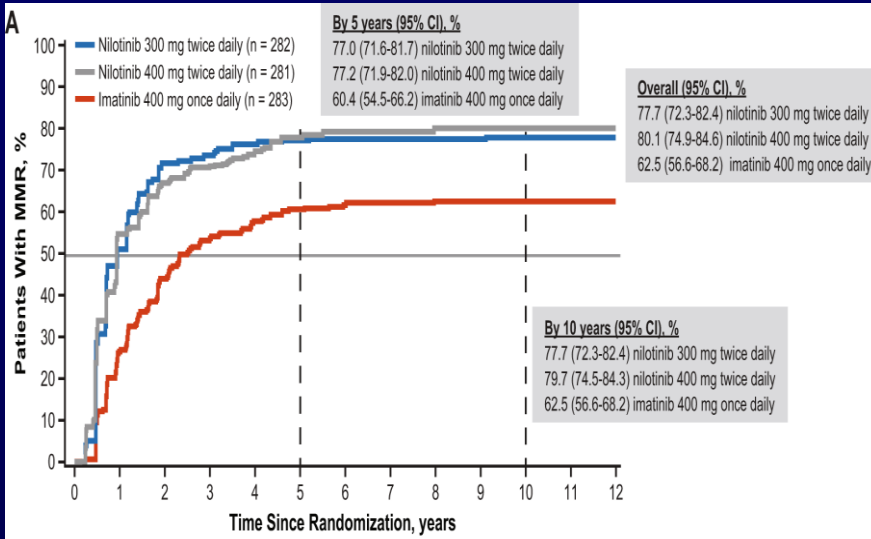
Outcome Across 1st Line CML Studies

response at, %	DASISION		ENESTnd		BFORE		TOPS	
	DAS 100	IMA 400	NIL 300	IMA 400	BOS 400	IMA 400	IMA 800	IMA 400
MMR 3m	8	0.4	9	1	4.1	1.7	12	3
MMR 12m	46 ^a	28 ^a	44	22	47	37	47	40
CCyR 12m	77	66	80	65	77	66	70	66
AP/BP	2.3	5.0	1	6	2.2	2.6	1.9	3.2
PFS	94	92	96	94	NR	NR	97	94
OS	95.3	95.2	97	96	99	97	99	98

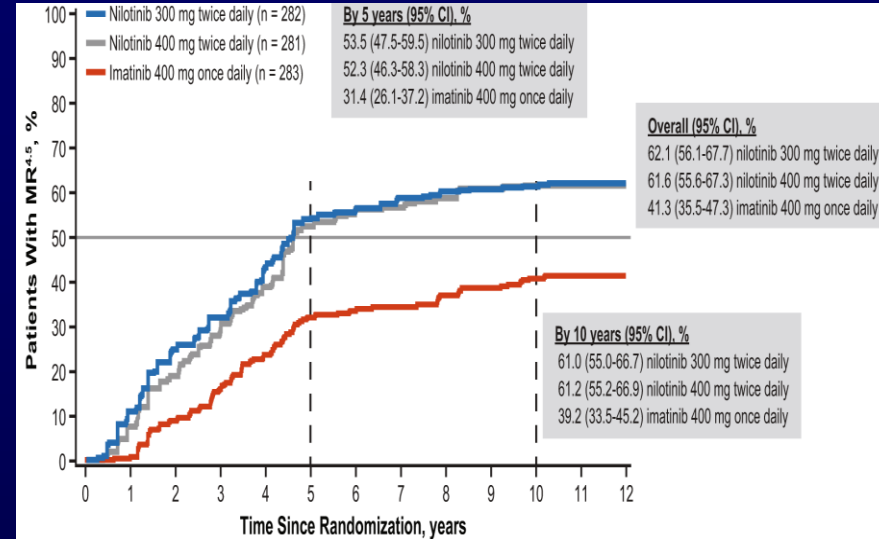
^a MMR by 12 mo

Cumulative Incidence of Molecular Response – ENESTnd 10-Yrs

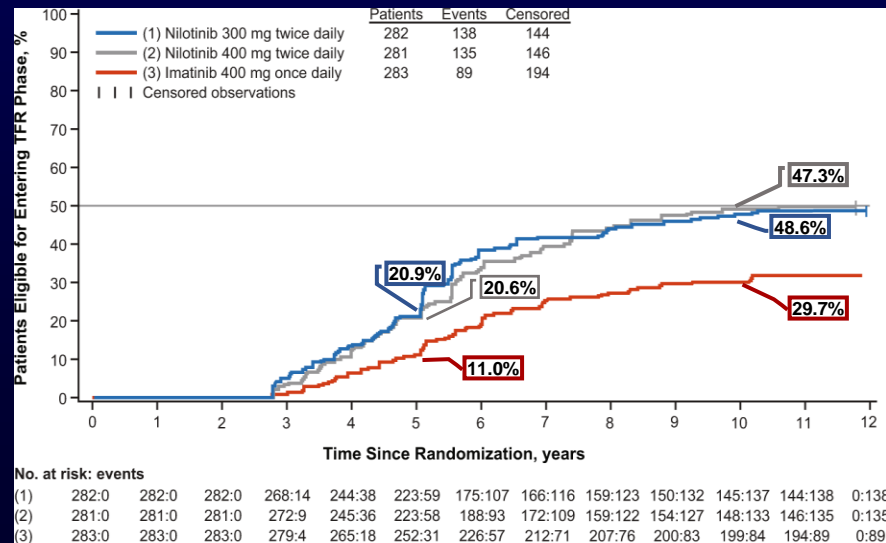
Cumulative Incidence of MMR



Cumulative Incidence of MR^{4.5}

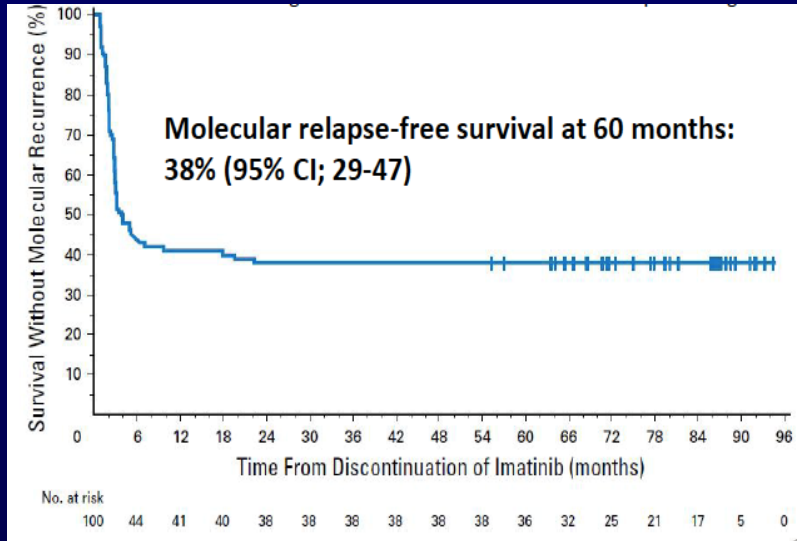


Cumulative Incidence of sDMR

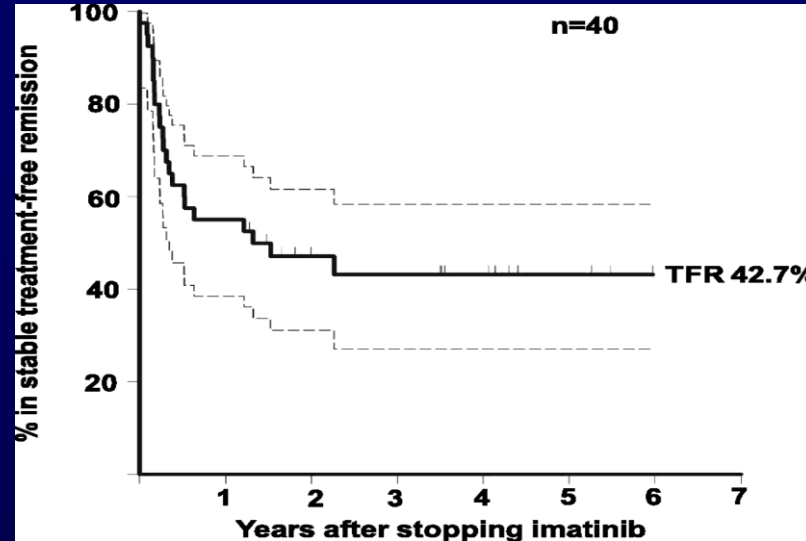


Treatment-Free Remission

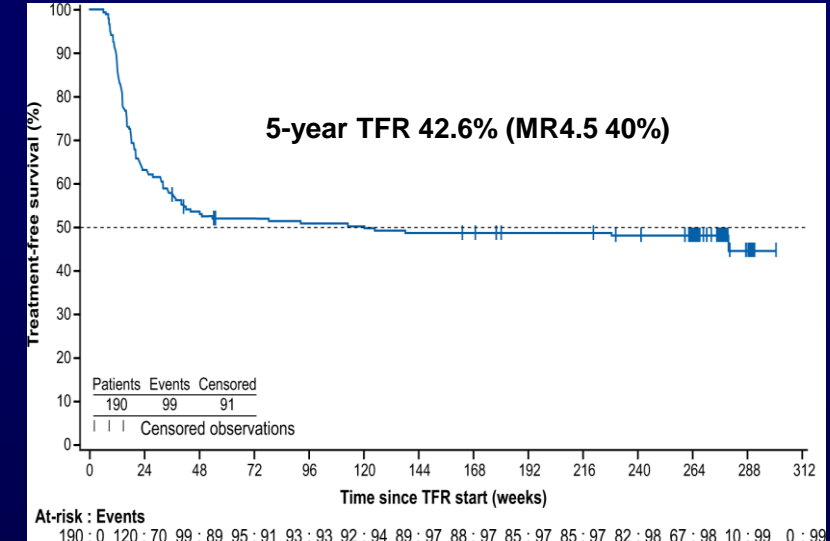
STIM¹



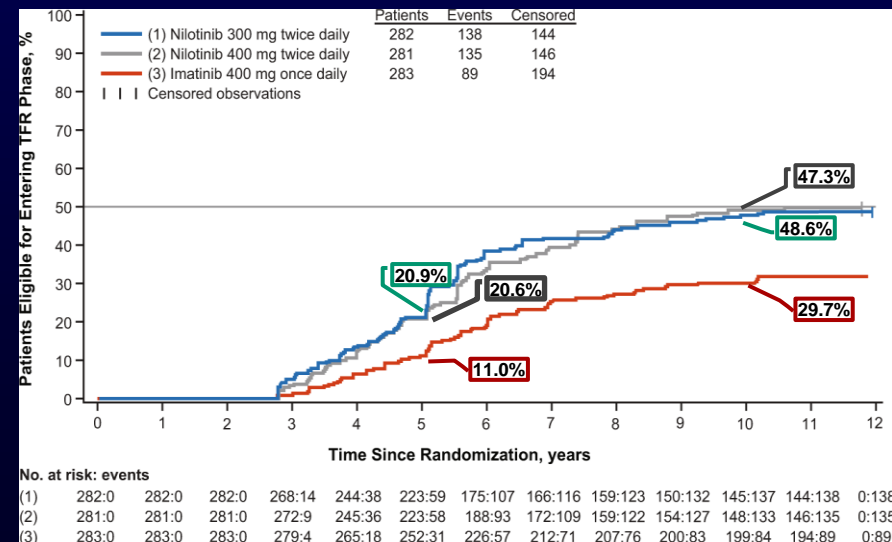
TWISTER²



ENESTfreedom³



ENESTnd⁴



BFORE⁵

- 2-year sustained MR4: bosutinib 32.5% vs imatinib 26.5% (OR 1.33 [95% CI, 0.92, 1.93])

~47% eligible
X
~60% TFR
~28% Success

¹Etienne et al. JCO 2017; 35: 298-305; ²Ross et al. Blood 2013; 122: 515-22; ³Radich et al. Leukemia 2021; 35: 1344-55;

⁴Kantarjian et al. Leukemia 2021; 35: 440-53; ⁵Brümmendorf TH, et al. Blood. 2020;136(Suppl 1): Abstract 46

Treatment Discontinuation by TKI

	DASISION		ENESTnd		BFORE	
	Dasatinib	Imatinib	Nilotinib	Imatinib	Bosutinib	Imatinib
2 yrs	23	25	26	33	29	31
Efficacy	9	11	9	17	5	15
Safety	9	5	9	10	19	11
5 yrs	39	37	39	50	40	42
Efficacy	11	14	13	25	6	18
Safety	21	9	12	14	25	13
10 yrs	-	-	53^a	48^b	-	-
Efficacy	-	-	5 ^a	6 ^b	-	-
Safety	-	-	22	35	-	-

^a 62% including those who switched to imatinib or increased to nilotinib 400 mg BID (14% for efficacy)

^b 65% including those who switched to nilotinib or increased imatinib dose (24% for efficacy)

2nd Generation TKI in CML CP Post-Imatinib Resistance

Response	Percentage		
	Dasatinib [†]	Nilotinib [‡]	Bosutinib
FU (mo)	>24	>24	>24
CHR	89	77	85
MCyR	59	56	57
CCyR	44	41	41
24 mo PFS*	80%	64%	79%
24 mo OS*	91%	87%	92%

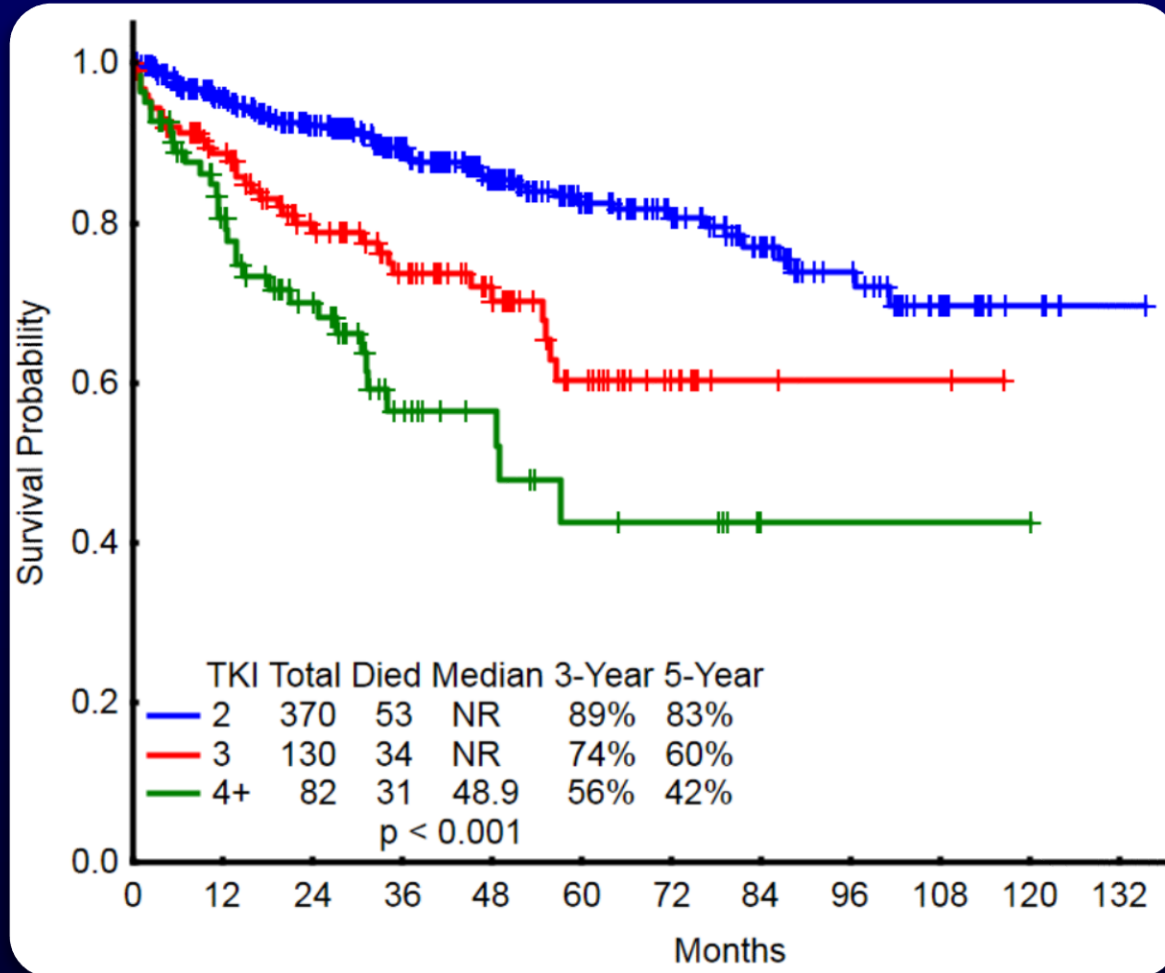
† 7-yr MMR 43%, PFS 42%, OS 65%; discontinued 78%

‡ 4-yr PFS 57%, OS 78%; discontinued 70%

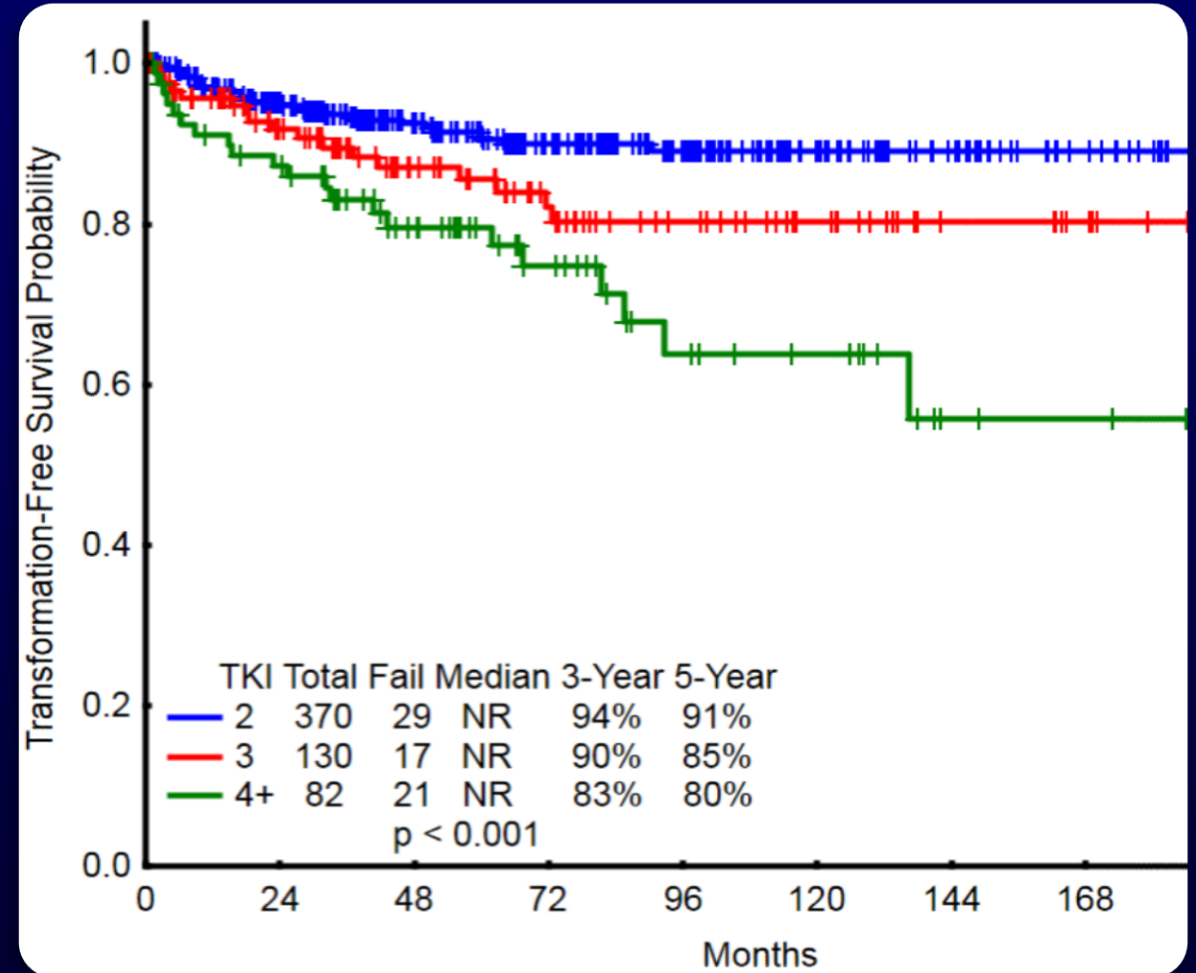
* All patients (resistant + intolerant)

Long-Term Outcome After Multiple TKI

Overall Survival



Transformation-Free Survival



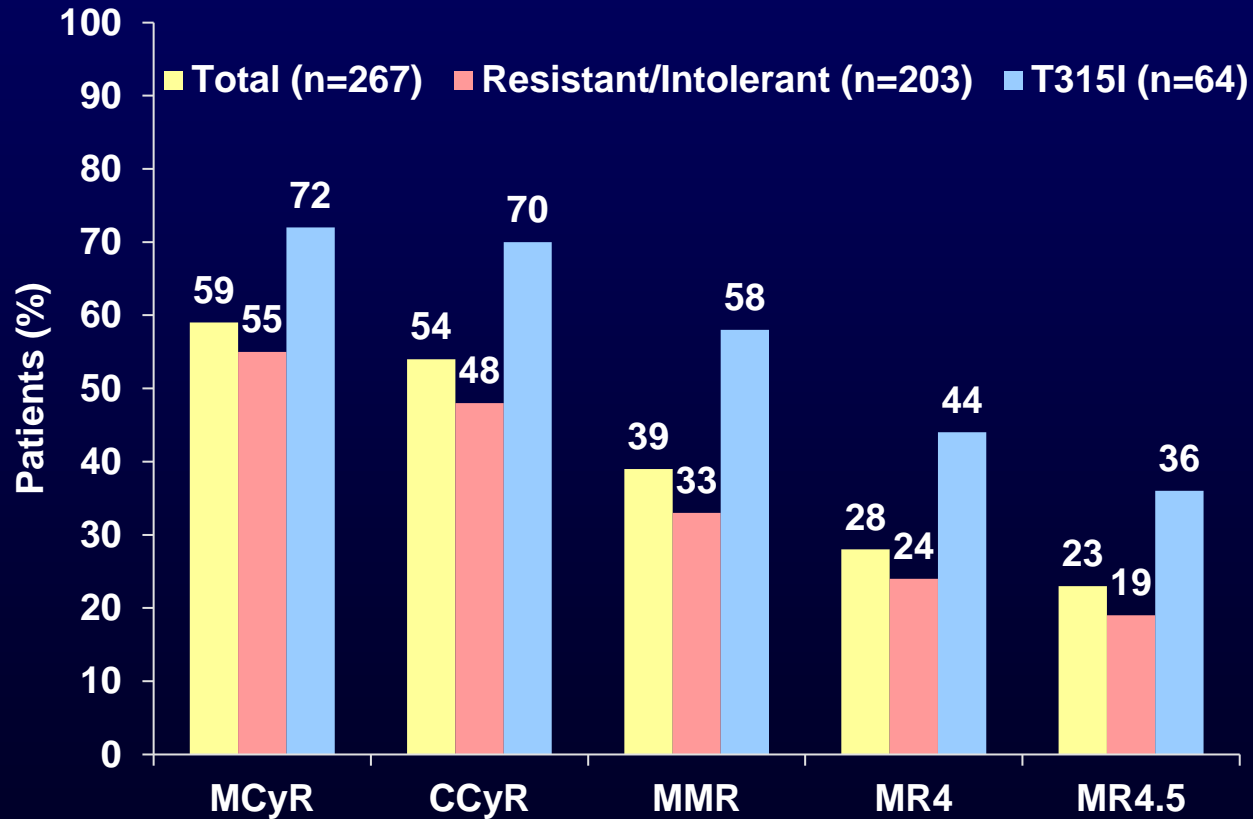
2G-TKI as 3rd-Line Treatment for CML-CP

Study	TKI (n)	CCyR	MMR	EFS/PFS/TTF	OS
Garg 2009	Das (16)	31	12	Median FFS 20 m	Median 20
	Nil (9)	11	33		
Ribeiro 2015	Das (5), Nil (13)	13	24	5-y EFS 22% 5-y PFS 54%	5-y 86%
Lomaia 2015	Das (30), Nil (18), Bos (5)	21	NA	NA	2-y 67%
Giles 2010	Nil (39)	24	NA	Median TTF 19.5 m 18-m PFS 59%	18-m 86%
Cortes 2011	Any (29)	24	NA	NA	NA
Ibrahim 2010	Das or Nil (26)	35	19	30-m EFS 46%	30-m OS 47%
Cortes 2016	Bos (119)	28	15	4-y progression or death 24%	4-y OS 78%
Hochhaus 2019	Bos (61)	84	64	NA	NA

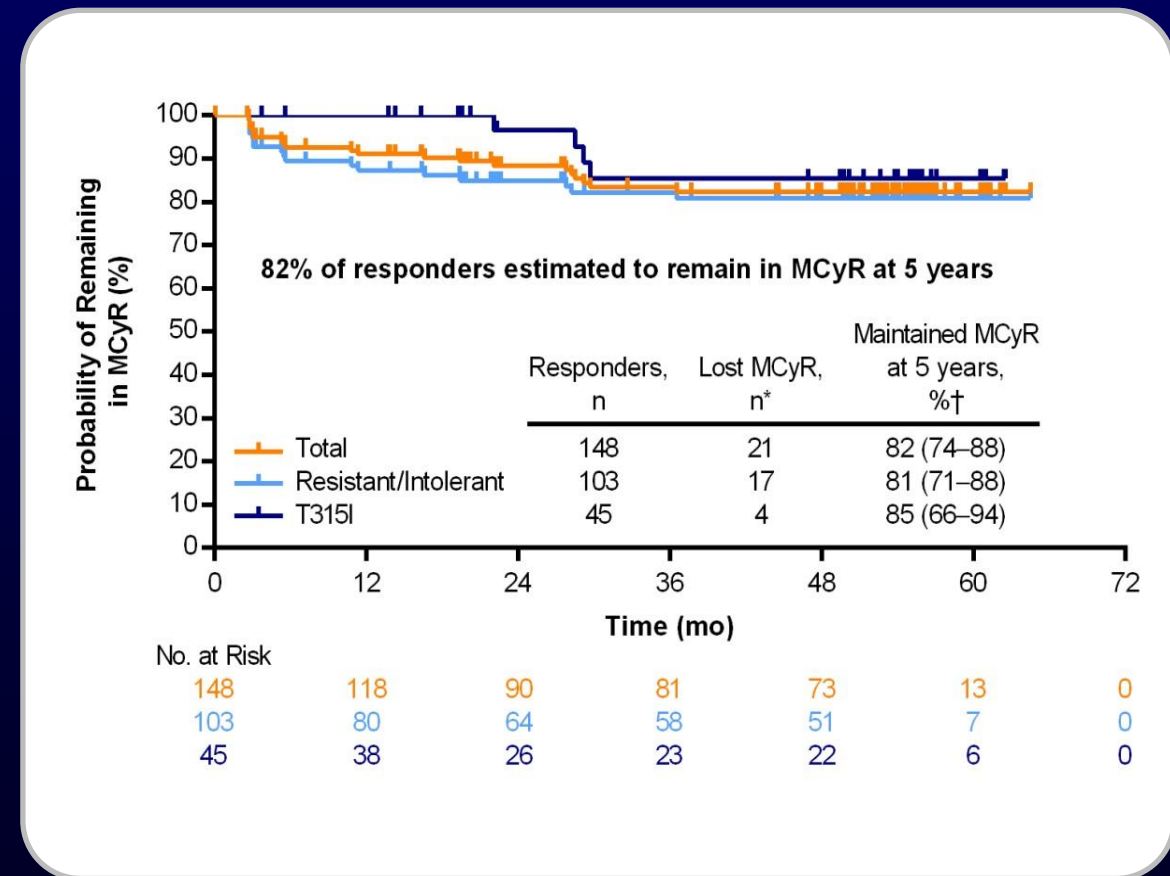
Efficacy of Ponatinib in CP-CML

- Median times to MCyR 2.8 (1.6–24.5) mo, CCyR 2.8 (1.6–35.7) mo, and MMR 5.5 (1.8–32.9) mo

Responses at Any Time



Duration of MCyR



Vascular Occlusive Events in Ponatinib Phase 2 Trial: 60-Month Final Report

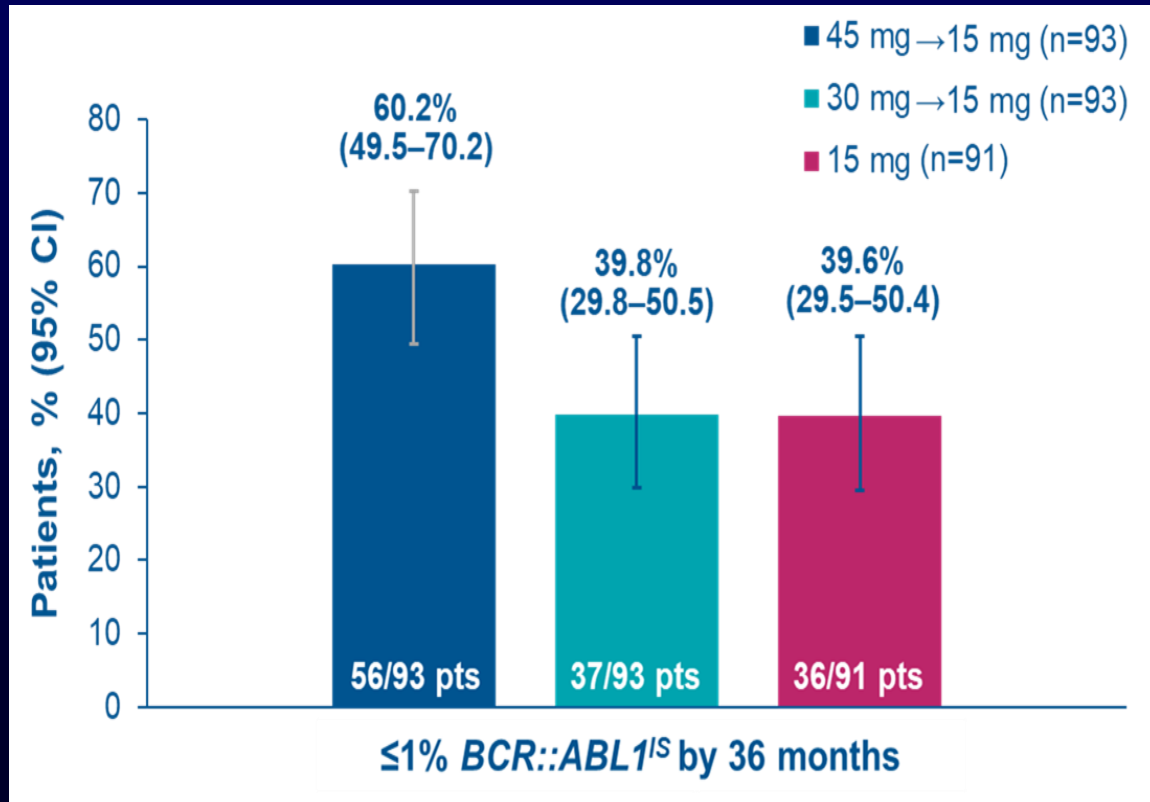
	CP-CML (n=270)		Total (n=449)	
	AE	SAE	AE	SAE
Cumulative exposure, patient-years	615.7		826.0	
AOEs, n (%)	84 (31)	69 (26)	111 (25)	90 (20)
Cardiovascular	42 (16)	33 (12)	59 (13)	44 (10)
Cerebrovascular	35 (13)	28 (10)	41 (9)	33 (7)
Peripheral vascular	38 (14)	31 (11)	48 (11)	38 (8)
Exposure-adjusted* incidence of ATEs	14.1	10.9	13.8	10.6
VTEs, n (%)	15 (6)	13 (5)	27 (6)	23 (5)
Exposure-adjusted* incidence of VTEs	2.1	1.8	2.8	2.4

- Median (range) time to ATE onset in CP-CML: 14.1 (0.3-44.0) mo
- Median (range) time to VTE onset in CP-CML: 22.3 (2.0-40.2) mo
- 46 CML-CP and 57 overall had >1 AOE

*Number of patients with events per 100 patient-years.
Median follow-up time was 42.3 months.

Efficacy and Safety of Ponatinib: The OPTIC Approach

- CML-CP with resistance/intolerance to ≥ 2 TKI or with T315I
- Randomized to starting dose of 45, 30 or 15 mg
- Dose reduction to 15 mg after achievement of BCR-ABL1 $\leq 1\%$
- Prospective adjudication of AOE by independent, blinded committee
- **Primary endpoint BCR::ABL1 $\leq 1\%$ at 12 Months:**
 - **44.1% @ 45 mg, 29.0% @ 30 mg, 23.1% @ 15 mg (p < 0.017)**

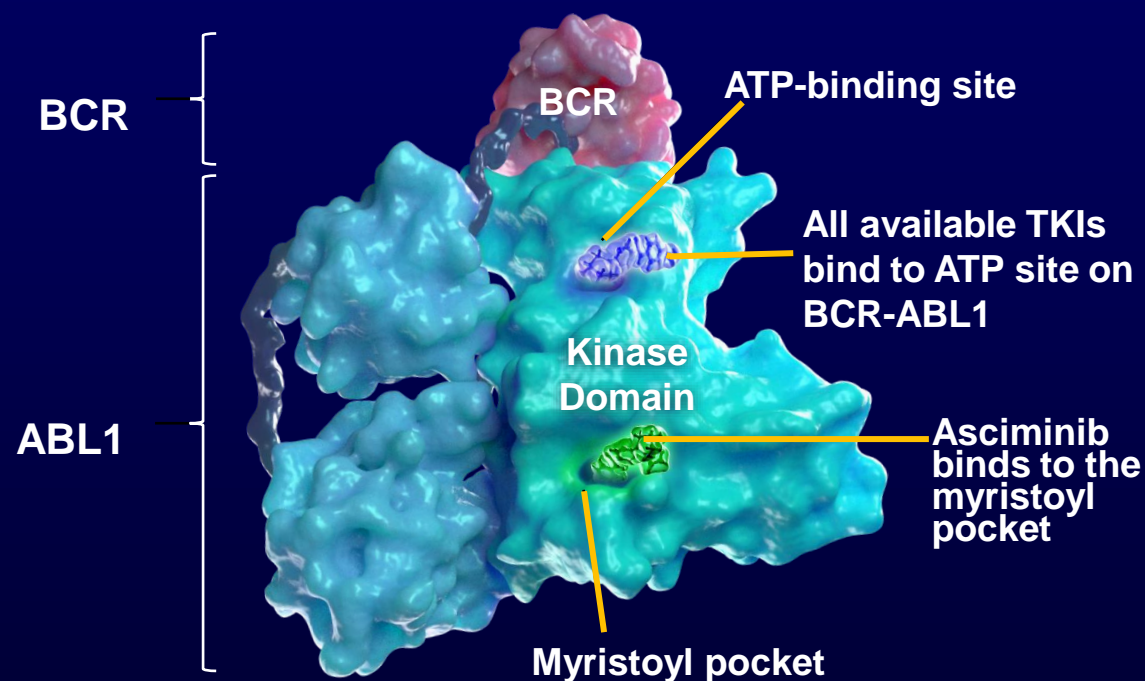


	45 mg → 15 mg (N=94)	30 mg → 15 mg (N=94)	15 mg (N=94)
TE-AOEs — %			
Any AOE	12	6	4
Grade ≥ 3 TE-AOEs	6	6	4
Exposure-adjusted rate (95% CI)	4.5 (1.7–7.3)	3.0 (0.6–5.5)	1.9 (0.04–3.8)
Dose modifications for AOE — n (%)			
Discontinuation	6	4	1
Reduction	0	2	0
Interruption	3	3	2

Asciminib Background

- T315I confers resistance to all approved ATP-competitive TKIs except ponatinib; compound mutations involving T315I can also confer resistance to ponatinib^[a-c]
- Asciminib has a different mechanism of action from available TKIs.
 - First-in-class STAMP (Specifically Targeting the ABL1 Myristoyl Pocket) inhibitor^[c-f]
 - Early results showed clinical activity and favorable safety profile in patients with T315I mutations^[f,g]
 - Updated efficacy and safety results from the expansion cohort in patients with T315I-mutated CML treated with asciminib 200 mg twice daily

- Assembled Inactive Conformation^[c]



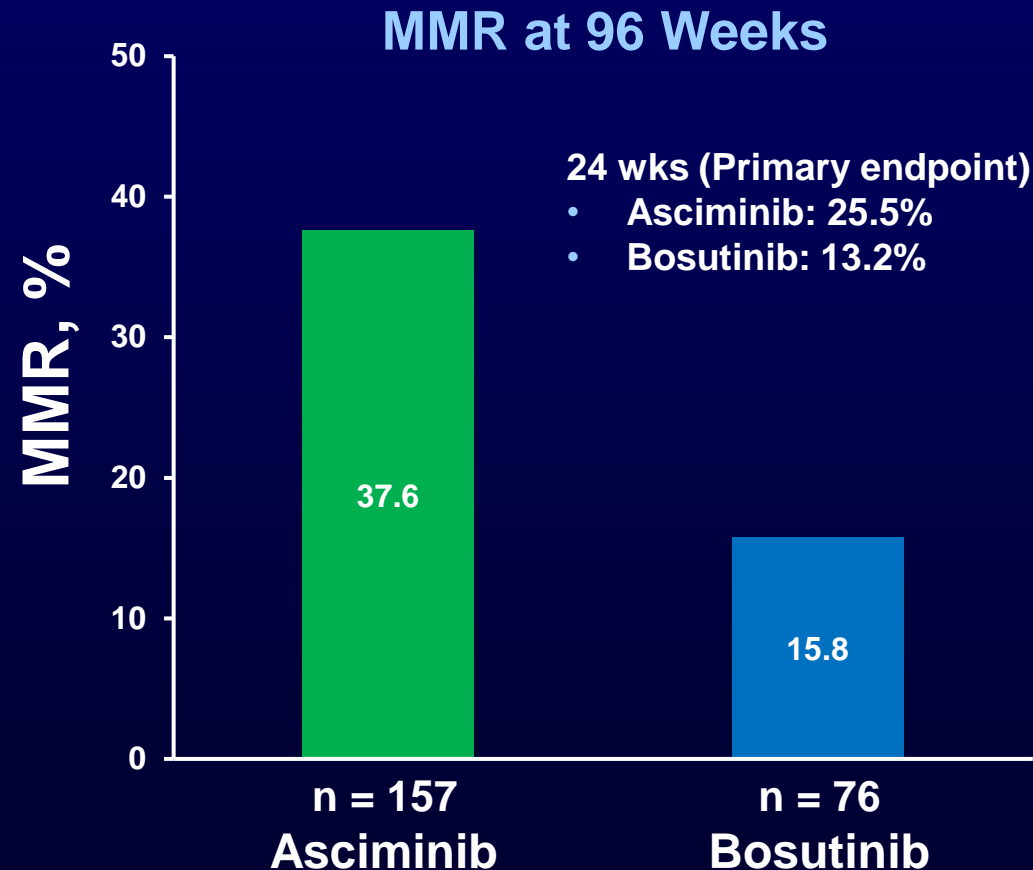
Phase 1 Asciminib – Response in R/R CML-CP

MMR — n/N [‡] (%)	Non-T315I			T315		
	Overall (N = 113) [†]	Achieve	Maintain	Overall (N = 28) [†]	Achieve	Maintain
≤2 prior TKIs	N = 34			N = 12		
By 6 months	13/25 (52)	5/15 (33)	8/10 (80)	4/10 (40)	3/9 (33)	1/1 (100)
By 12 months	15/25 (60)	7/15 (47)	8/10 (80)	4/9 (44)	3/8 (38)	1/1 (100)
>2 prior TKIs	N = 79			N = 16		
By 6 months	24/74 (32)	14/64 (22)	10/10 (100)	1/10 (10)	1/10 (10)	0
By 12 months	29/66 (44)	19/56 (34)	10/10 (100)	1/9 (11)	1/9 (11)	0
Resistant and/or intolerant of ponatinib	N = 18			N = 11		
By 6 months	7/17 (41)	3/13 (23)	4/4 (100)	1/7 (14)	1/7 (14)	0/0
By 12 months	8/14 (57)	4/10 (40)	4/4 (100)	1/6 (17)	1/6 (17)	0/0

- 91 evaluable pts at 12 mo: 30/40 (75%) with baseline BCR-ABL1^{IS} ≤1% achieved MMR by 12 mo vs 14/51 (27%) with BCR-ABL1^{IS} >1%.

ASCEMBL – Asciminib vs Bosutinib in R/R CML CP

- 233 pts previously treated with ≥ 2 TKIs randomized 2:1 to asciminib 40 mg BID or bosutinib 500 mg QD
- T315I and V299L excluded



- Median wks to MMR: asciminib 12.7 vs bosutinib 14.3
- Median wks exposure: asciminib 43.4 (0.1-129.9), bosutinib 29.2 (1.0-117.0)
- Other efficacy endpoints:
 - CCyR: 40.8% v 24.2% (96 w: 45.1% v 19.4%)
 - MR4: 10.8% v 5.3%
 - MR4.5: 8.9% v 1.3%
- TEAEs $\geq G3$ >2%: thrombocytopenia 22%, neutropenia 19%, hypertension 6.4%, \uparrow lipase 3.8%
- AOE (per 100 pts-years): asciminib 3.0, bosutinib 1.4

Asciminib for T315I CML

Response

- Asciminib 200 mg twice daily

Patients, n (%)	MMR	MR4	MR4.5
All patients (n = 49)	23 (46.9)	13 (26.5)	10 (20.4)
Ponatinib naive (n = 21)	12 (57.8)	8 (38.1)	7 (33.3)
Ponatinib pretreated (n = 28)	8 (28.6)	5 (17.9)	3 (10.7)

- Median time to MMR: 12.1 weeks (range, 4 to 48 weeks)
 - K-M-estimated MMR duration at 144 wks: 87% (95CI: 68.4%, 100%)
- AOE 5.8%

ASCEMBL - BCR::ABL1 Mutations^a at the End of Treatment

Patients discontinuing treatment due to lack of efficacy or disease progression

n (%)	Asciminib (n=39)	Bosutinib (n=30)
No mutations detected at end of treatment	22 (56.4)	20 (66.7)
Missing assessments at end of treatment	1 (2.6)	3 (10.0)
Mutations detected at end of treatment	16 (41.0)	7 (23.3)
Newly emerging mutations at end of treatment	10 (25.6)	2 (6.7)
ATP-binding site	<ul style="list-style-type: none"> • M244V (n=3)^b • E355G (n=1)^c • F359V (n=1) • T315I (n=1) 	<ul style="list-style-type: none"> • T315I (n=1) • V299L (n=1)
Myristoyl pocket	<ul style="list-style-type: none"> • A337T (n=3) • P465S (n=1) 	None
Mutations at baseline and end of treatment	6 (15.4)	5 (16.7)
ATP-binding site	<ul style="list-style-type: none"> • F317L (n=2) • F359C/V (n=3) • Y253H (n=1) 	<ul style="list-style-type: none"> • M244V (n=2) • E255V (n=1) • F317L (n=1) • Q252H (n=1)

^a Determined by Sanger sequencing, mutation analysis was performed on week 1 day 1 and at the end of treatment. In case mutations were detected on week 1 day 1, additional assessments were performed every 12 weeks during the study.

^b 1 patient had Y253H and F486S mutations at baseline that were not detected at the time of discontinuation.

^c Patient had the F317L mutation at baseline, which was not detected at the time of discontinuation.

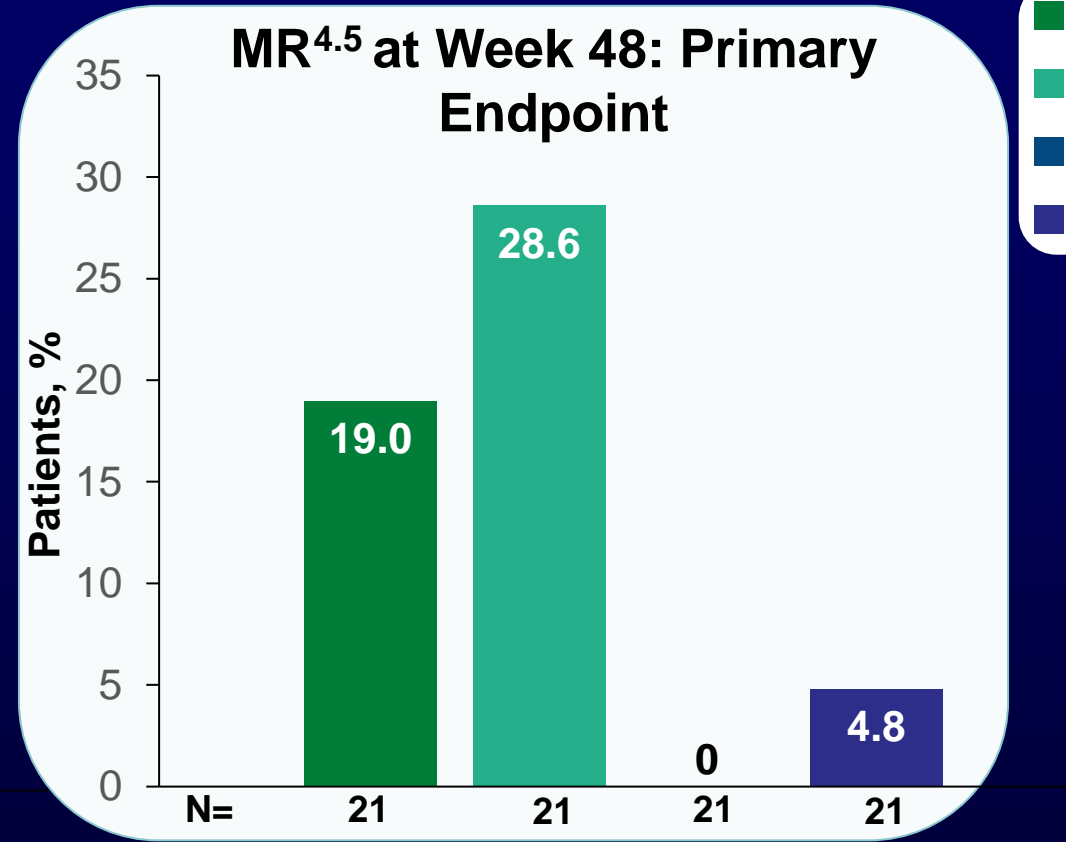
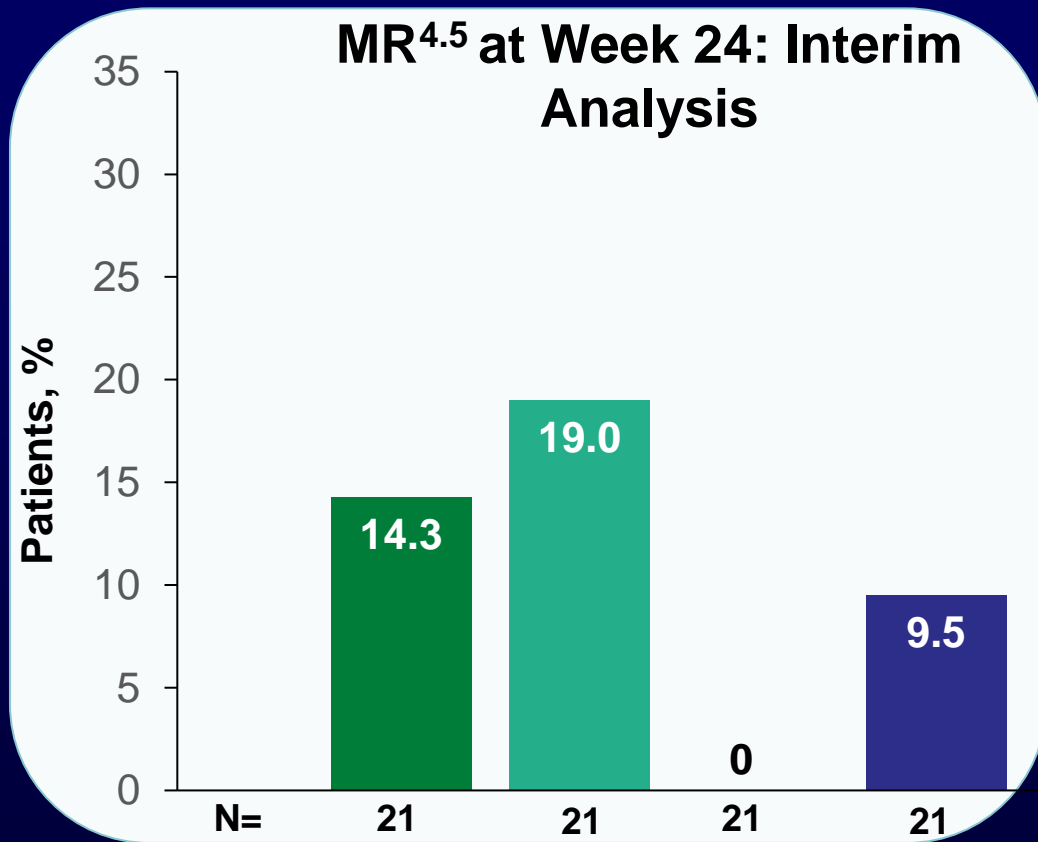
What is the Role of 3GTKIs?

Clinical Setting	The data	What I would like to see
3 rd + line	<ul style="list-style-type: none"> • Excellent efficacy • Minimal/improved toxicity 	<ul style="list-style-type: none"> • Comparison ponatinib v asciminib • Longer term safety (AOEs)
T315I	<ul style="list-style-type: none"> • Ditto 	<ul style="list-style-type: none"> • Ditto
Add-on to improve DMR (Asciminib)	<ul style="list-style-type: none"> • Promising preclinical data 	<div style="background-color: #008080; color: white; padding: 5px; display: inline-block;">Established</div> (other ongoing)
2 nd line	<ul style="list-style-type: none"> • None 	<div style="background-color: #800000; color: white; padding: 5px; display: inline-block;">Hopeful</div> CyR >60%,
Frontline	<ul style="list-style-type: none"> • None 	<ul style="list-style-type: none"> • Clinical trials (MR4.5 >75%, AOEs ≥ 20%) <div style="background-color: #FF8C00; color: white; padding: 5px; display: inline-block;">Needed</div>

Other questions:

- What is the right dose of asciminib?
- Phase 2 data for vodobatinib, olverembatinib
- Incidence of AOEs for all (comprehensive)
- Do combinations of TKIs with different MOA have a role?

ASC4MORE - MR^{4.5} at Weeks 24 and 48

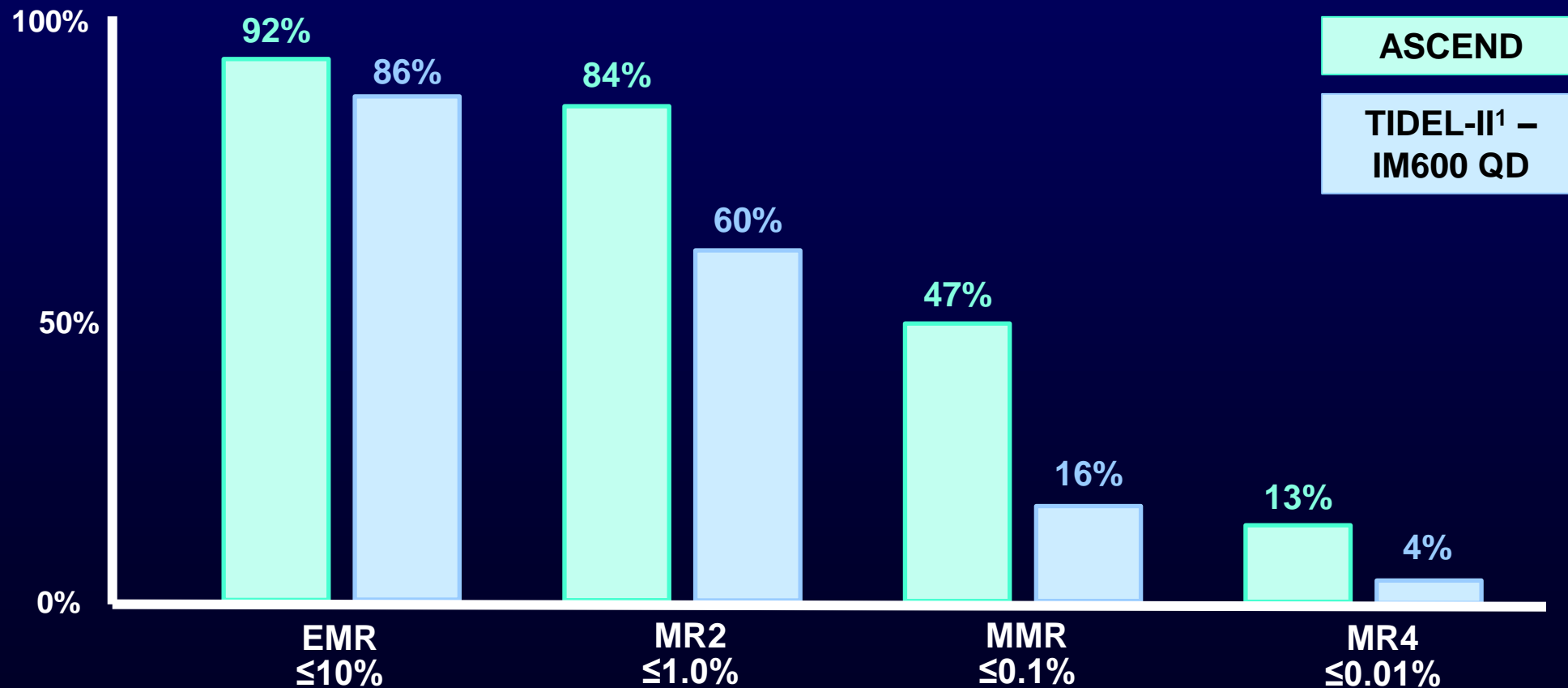


- More patients were able to achieve MR^{4.5} with **asciminib add-on** to imatinib vs continued **imatinib** or switch to **nilotinib**
- No patients in the continued **imatinib** arm were in MR^{4.5} at week 48, although more patients in this arm were in MMR at baseline than in the **asciminib add-on** arms

Asciminib for Frontline CML – ASCEND

Molecular Response at 3 Months N=76

- Previously untreated CML CP
- Starting dose: Asciminib 40 mg BID
- If hallmarks not met, escalate to 80 mg BID; then add imatinib, dasatinib or nilotinib
- Co-primary endpoints: $BCR::ABL1 \leq 10\%$ at 3 months, $\leq 0.1\%$ at 12 months



Are we done?

Scenario	Action	But	Solution
Imatinib resistance	Change to 2GTKI	~40% CCyR	3GTKI?
1L 2GTKI resistance	Change to another 2GTKI	~20% CCyR	3GTKI
	3GTKI	No data, no label	Studies
Suboptimal	Monitor closely	Not much	Long-term DASCERN (maybe)
Resistance ≥ 2 TKI or T315I	Change PON/ASC	<ul style="list-style-type: none"> • MMR ~40% • Dose? • AOE 	Additional studies New agents?
Intolerance	Change to other TKI	<ul style="list-style-type: none"> • Cross-discontinuation or cross-AEs? • Class effect AEs • The nagging: thrombocytopenia, AOE, lipase, LFTs 	<ul style="list-style-type: none"> • Manage AEs • New TKIs? (probably not)
Low-grade toxicity	Manage AEs	<ul style="list-style-type: none"> • Some are chronic • Relatedness? 	<ul style="list-style-type: none"> • Better understanding and management • Studies

Remaining Challenges in CML

- **Frontline: improve sMR4.5 rates**
- **Combinations: which, when, who (and mostly, if)**
- **Second line**
 - After 2GTKI
 - After imatinib
- **ACA, other molecular abnormalities**
- **Third line & T315I: not enough options?**
- **Dose and schedule**
- **AP/BP: do we care?**



Fireside Chat: Allosteric vs. Active-Site TKIs

Michael Mauro, M.D., MSKCC

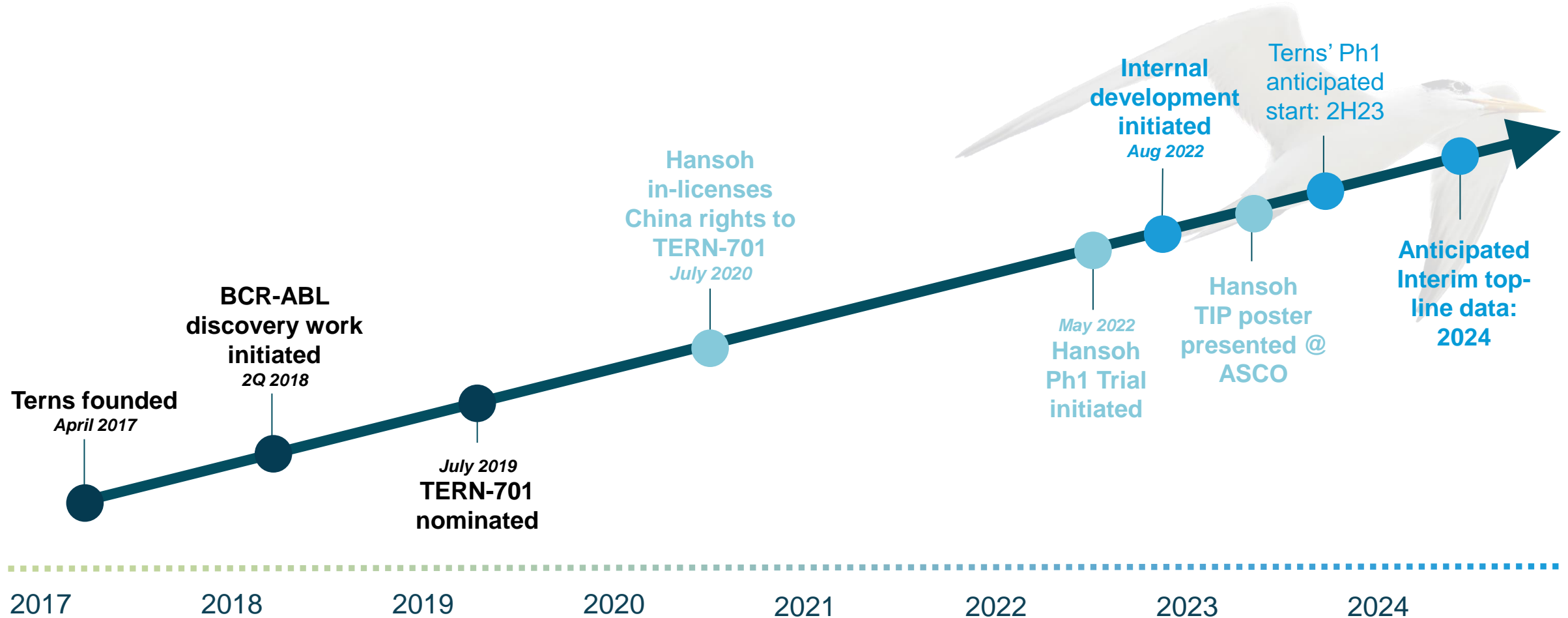
Emil Kuriakose, M.D.



TERN-701 Overview / Update

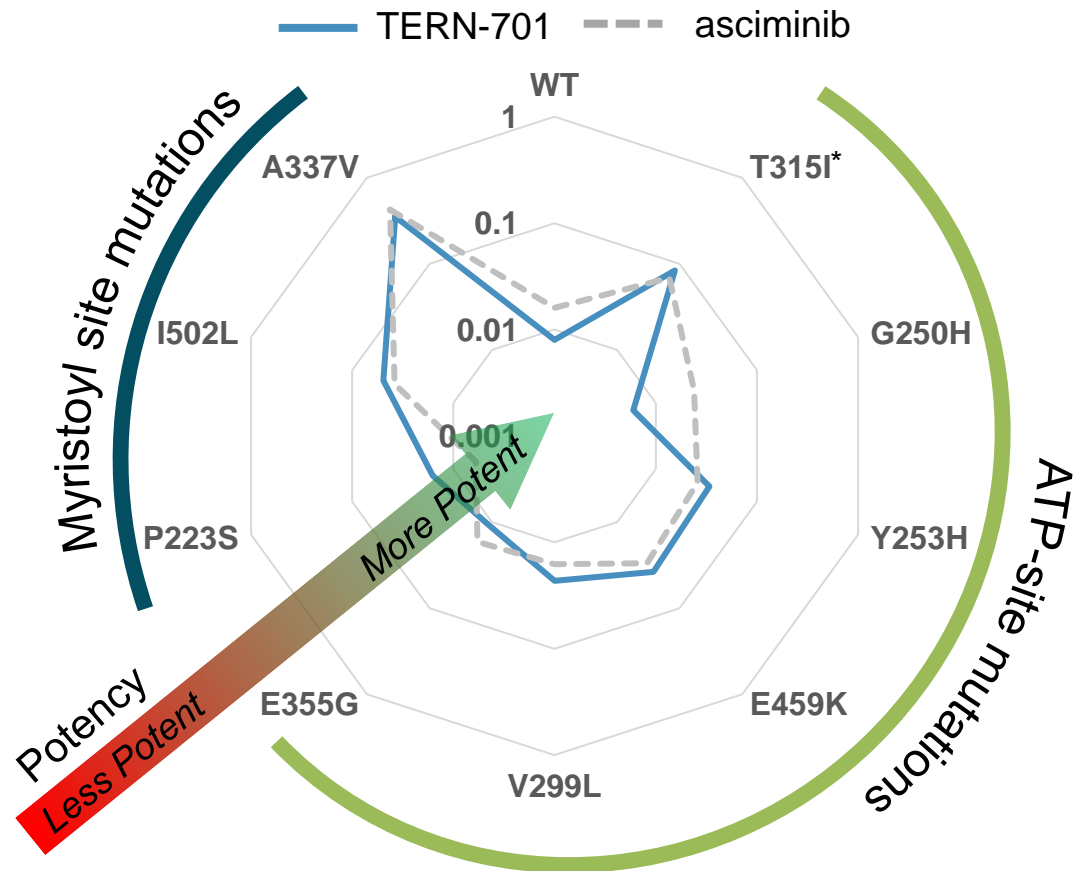
Emil Kuriakose, M.D.

TERN-701: Our Internally Discovered Allosteric TKI of BCR-ABL for the Treatment of CML



TERN-701 Potency Suggests Anti-Tumor Activity Comparable to asciminib; With Opportunities to Differentiate

In vitro BCR-ABL Inhibition ($\mu\text{M IC}_{50}$)



In non-clinical assays, **TERN-701** has a similar profile to **asciminib** and is highly potent against:

- wild type BCR-ABL, and
- most-common mutations occurring in patients treated with active-site TKIs

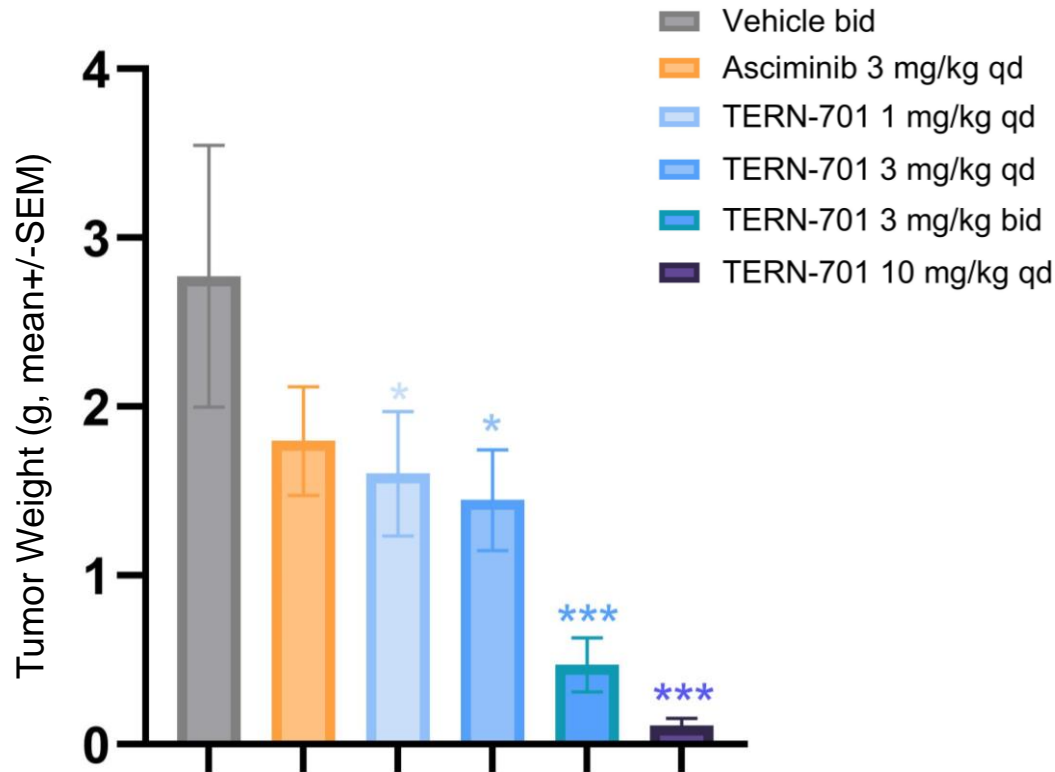


TERN-701 could have simplified dosing & fewer drug-drug interactions vs asciminib

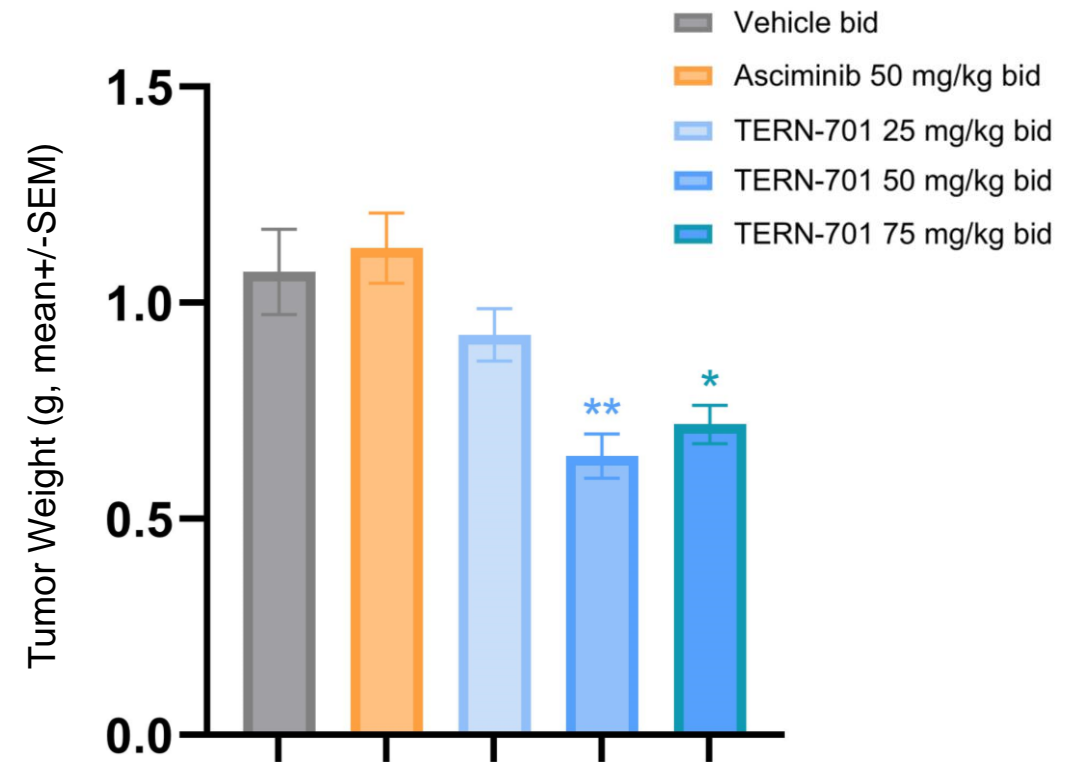
Note: WT (wild-type) and BCR-ABL mutations were evaluated in an ABL auto-phosphorylation assay
 * T315i mutation was evaluated in a cell proliferation assay

In Preclinical Models of CML, TERN-701 Showed a Greater Anti-Tumor Effect vs. asciminib at Equivalent Doses & Dosing Frequency

K562 Xenograft (Day 14)



Ba/F3 BCR-ABL1-T315I Xenograft (Day 15)



Note: NOD-SCID (K562) and BALB/c nude mice (Ba/F3T315I) were implanted with CML cells, randomized, and administered the indicated TKIs once tumor volumes reached a mean size of 110 mm. Mean tumor weights for each of the treatment groups at the conclusion of the study. All error bars represent the SEM. *p<0.05, **p<0.01, ***p<0.001.

1. asciminib was utilized as the free base, TERN-701 was formulated as an optimized salt form

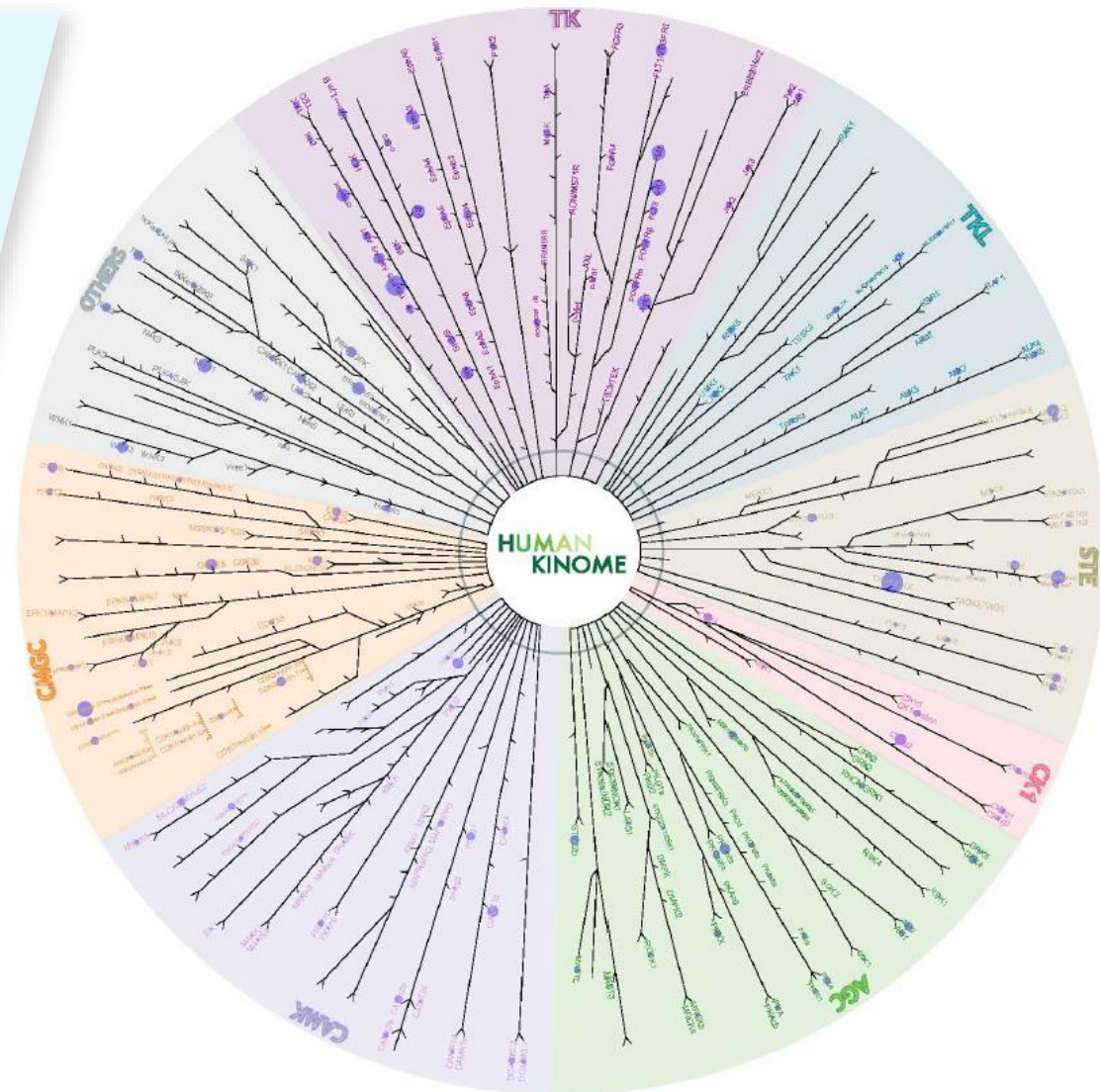
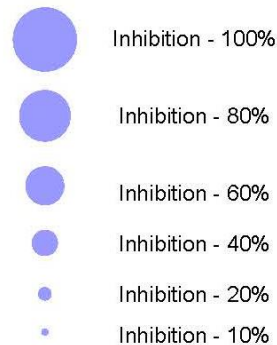
Source: ASPET [TERN-701 poster](#)

TERN-701 Also Demonstrated High Selectivity on a Broad Kinase Panel, Suggesting Reduced Potential for Off-Target Activity

TERN-701 was assessed at 1 μ M against a panel of 375 kinases

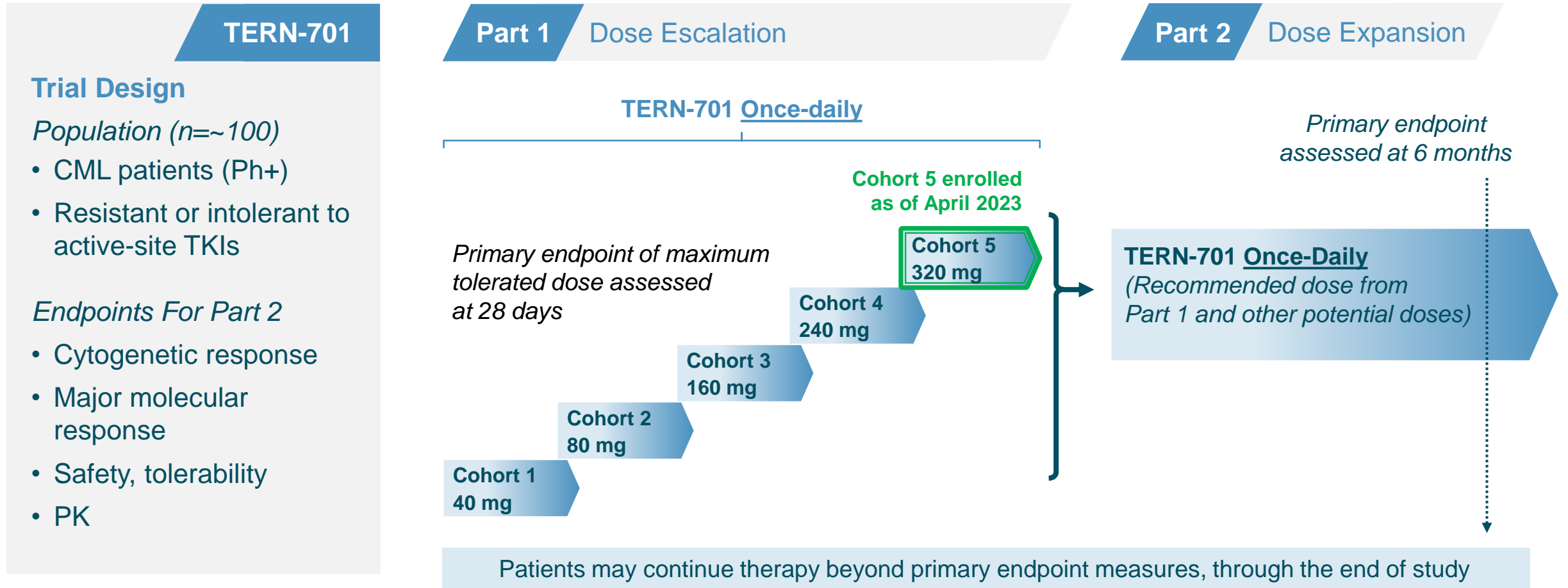
No kinase, including wild-type ABL1, was inhibited by >50% \rightarrow reduced potential for TERN-701 off-target activity

Dot Size by Percent Inhibition



Hansoh Study to Evaluate Efficacy of TERN-701 in CML

~100 patient China trial will provide full efficacy evaluation & other key insights to **accelerate** Terns' development; status update across dose escalation cohorts presented at ASCO 2023



Terns' Draft Phase 1 Trial Design

Aims to leverage Hansoh Phase 1 trial data to evaluate dose ranges expected to be both safe & therapeutic

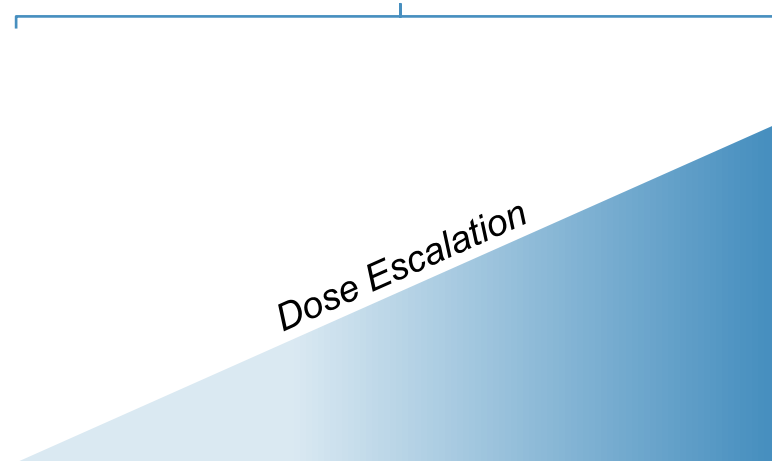
TERN-701

Study Population

- Chronic phase CML patients treated with at least one prior TKI
- Treatment failure or intolerance on current TKI

Part 1 Dose Escalation

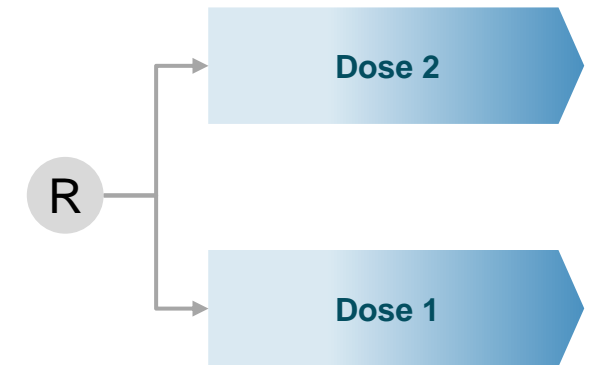
TERN-701 Once-daily (N=20-30)



RDE Selection*

Part 2 Dose Expansion

TERN-701 Once-daily (N≤80)



Patients may continue therapy beyond primary endpoint measures, through the end of study

*RDE = recommended doses for expansion.

Potential for POC and Expansion Data in 2024 / 2025

1H23

CMC activities

Completed manufacturing of initial material to support Phase 1 study start

2H23

Terns Phase 1 start in U.S., E.U., other Terns territories

Phase 1 dose escalation / expansion
(Initial data expected 2024)

**Phase 1
~1-2 yrs***

**Phase 3 Registrational CML
2-3 years***

Evaluating multiple options for pivotal trial(s)

*Trial durations estimated based on enrollment projections from asciminib development program

Potential Option for TERN-701 Monotherapy Registration Path in Earlier Line CML Patients

- Potential for initial approval as 2L+ therapy in patients failing frontline treatment with active site TKI
- Clinical development of TERN-701 in newly diagnosed CML patients is feasible despite anticipated approval of asciminib in frontline setting



Note: 2L+; 2nd line and later.

*Dose escalation/dose expansion study

TERN-701 is Addressing a Sizeable, and Still Unmet, Market Opportunity in CML with Novel Allosteric TKI

- CML is an **orphan indication** with **sizeable market** and a need for **multiple agents**
- **Frequent switching** occurs between TKIs, most commonly due to intolerance
- Allosteric BCR-ABL TKIs have significant (~2x) efficacy improvement over older standard-of-care active-site inhibitors and are better tolerated
- 1st approved allosteric TKI, asciminib, expected to be a blockbuster in 3L CML and is being developed for 1L
- TERN-701 is an **internally-developed allosteric** TKI with an expected profile \geq asciminib
- Phase 1 trial in CML patients initiated by Hansoh in 2Q 2022 in China; **Terns' Phase 1 clinical trial initiation targeted in 2H 2023**



Q&A

Sen Sundaram

Erin Quirk, M.D.

Emil Kuriakose, M.D.

Jorge Cortes, M.D.

Mission. Vision. Core Values.

MISSION

To advance transformative medicines that address serious diseases

VISION

To pioneer significant innovations across the lifecycle of drug development



Trust: empowered and accountable to do the right thing

Evolve: learning and growing from our successes, failures and changes in the environment

Respect: celebrating the diversity of our backgrounds, opinions and experiences

Nurture: fostering internal and external relationships

Soar: aiming high and being your best