



# Day One Biopharmaceuticals

Targeted Therapies for People of All Ages

April 2024



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This presentation and the accompanying oral commentary contain forward-looking statements that are based on our management's beliefs and assumptions and on information currently available to our management. Forward-looking statements are inherently subject to risks and uncertainties, some of which cannot be predicted or quantified. In some cases, you can identify forward-looking statements by terminology such as "may," "will," "should," "could," "expect," "plan," "anticipate," "believe," "estimate," "predict," "intend," "potential," "would," "continue," "ongoing" or the negative of these terms or other comparable terminology. Forward-looking statements include all statements other than statements of historical fact contained in this presentation, including information concerning our future financial performance, including the sufficiency of our cash, cash equivalents and short-term investments to fund our operations, business plans and objectives, timing and success of our planned nonclinical and clinical development activities, the results of any of our strategic collaborations, including the potential achievement of milestones and provision of royalty payments thereunder, timing and results of nonclinical studies and clinical trials, efficacy and safety profiles of our products and product candidates, the ability of tovorafenib to treat pediatric low-grade glioma (pLGG) or related indications, the potential therapeutic benefits and economic value of our products and product candidates, potential growth opportunities, competitive position, industry environment and potential market opportunities, our ability to protect intellectual property and the impact of global business or macroeconomic conditions, including as a result of inflation, changing interest rates, cybersecurity incidents, perceived instability in the global banking system, uncertainty with respect to the federal debt ceiling and budget and potential government shutdowns related thereto and global regional conflicts, on our business and operations.

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# Cancer Therapies for People of All Ages



## Our Approach

- Develop medicines for genomically-defined cancers
- Establish first-in-class position through rapid registration pathways
- Expand to adolescent and adult populations in parallel and pursue those opportunities with the same commitment we do for children



# Our Pipeline

Product Candidate	Therapeutic Area	Preclinical	Phase 1	Phase 2	Phase 3/ Registrational	Approved	Recent & Anticipated Milestones
<b>Tovorafenib</b> Type II RAF Inhibitor  OJEMDA brand name in U.S. <sup>1</sup>	BRAF-altered Relapsed pLGG	FIREFLY-1 (pivotal Phase 2) 					<b>FDA approval:</b> April 2024
	Frontline RAF- altered pLGG	FIREFLY-2 (pivotal Phase 3)					<b>First patient dosed:</b> March 2023
<b>Pimasertib</b> MEK 1/2 Inhibitor	MAPK-altered solid tumors <sup>†</sup> (Combo w/ tovorafenib)	FIREFLIGHT-1 <sup>††</sup>					<b>Recommended Phase 2 dose &amp;                      schedule expected:</b> 2H 2024
<b>VRK1 Program</b> VRK1 Inhibitor	Pediatric and adult cancers						<b>In-licensed<sup>§</sup>:</b> August 2023

<sup>1</sup> OJEMDA has received accelerated approval by the U.S. Food and Drug Administration. <sup>†</sup> Pimasertib Phase 1 dose escalation and expansion trial previously completed. <sup>††</sup> Includes patients ≥12 years of age. <sup>§</sup> Research collaboration and license agreement with Sprint Bioscience AB for exclusive worldwide rights to a research-stage program targeting VRK1. pLGG, pediatric low-grade glioma. The safety and efficacy of investigational agents and/or investigational uses of approved products have not been established.



# OJEMDA™ (tovorafenib)

Relapsed or Refractory BRAF-altered pLGG

# OJEMDA Now Approved In The U.S.

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OJEMDA is the **first and only FDA Approved therapy** for the treatment of pediatric patients 6 months of age and older with relapsed or refractory pediatric low-grade glioma harboring a BRAF fusion or rearrangement, or BRAF V600 mutation

# pLGG Impact On Patients' Lives

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Lily was diagnosed with an operable brain tumor at 5 months of age



# Pediatric Low-Grade Glioma: The Most Common Type Of Brain Tumor In Children

**pLGGs are chronic and relentless**, with patients suffering profound tumor and treatment-associated morbidity that can impact their life trajectory over the long term<sup>1</sup>

## A Serious and Life-Threatening Disease

- For the majority of pLGG patients in the relapsed setting, there is no standard of care and no approved therapies
- Up to 75% of pLGGs have a BRAF alteration\*, of those ~80% are BRAF fusions and ~20% are BRAF V600 mutations<sup>2-6</sup>
- Despite surgery playing a significant role in treatment, the vast majority of patients still require systemic therapy<sup>7,8</sup>
- Due to high rate of disease recurrence, most patients will undergo multiple lines of systemic therapy over the course of their disease

# Conventional Treatments Can Be Disruptive To Childhood And Can Have Significant Long-Term Consequences

## Surgery

- Significant recovery times
- Risks of complications
- Resection may be limited by location of tumor
- Potential for functional deficits based on location of tumor and extent of resection

## Chemotherapy

- Requirement for indwelling catheter and weekly infusions
- Risk of neutropenia, hypersensitivity reactions, nausea and vomiting and peripheral neuropathy

## Radiation

- Risk of secondary malignancy
- Risk of malignant transformation
- Risk of vascular proliferation and stroke
- Neurocognitive impact, depending on location of tumor and radiation field

**Goal of therapy is to control the tumor, minimize the burden of surgery, chemotherapy, and radiation, and reduce the risk of life-long treatment and disease-related effects**

# Overview U.S. Prescribing Information For OJEMDA™ (tovorafenib)

Available in tablet formulation and pediatric-friendly powder for oral suspension

## INDICATION

OJEMDA is indicated for the treatment of pediatric patients 6 months of age and older with relapsed or refractory pediatric low-grade glioma harboring a BRAF fusion or rearrangement, or BRAF V600 mutation

## RECOMMENDED DOSE

380 mg/m<sup>2</sup> administered orally once weekly (not to exceed a dose of 600mg once weekly); OJEMDA can be taken with or without food

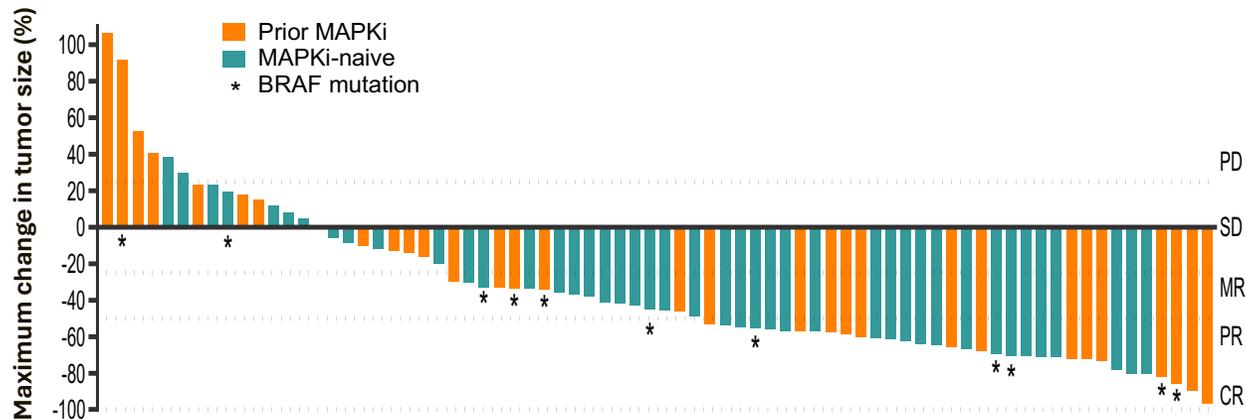


For full prescribing information, visit [dayonebio.com](https://dayonebio.com)

# Efficacy Summary From OJEMDA™ (tovorafenib) Prescribing Information



**51%** Overall response rate (RAPNO-LGG) in 76 evaluable patients



RAPNO-LGG			
Response (IRC)	n	n (%)	95% CI
<b>ORR, n (%)</b>	<b>76</b>	<b>39 (51)</b>	<b>40-63</b>
BRAF fusion or rearrangement	64	33 (52)	39-64
BRAF V600 mutation	12	6 (50)	21-79
Prior MAPKi use	45	22 (49)	31-64
MAPKi-naïve	31	17 (55)	36-73
<b>Median DOR, months</b>	<b>39</b>	<b>13.8</b>	<b>11.3-NR<sup>†</sup></b>
<b>Median TTR, months</b>	<b>39</b>	<b>5.3</b>	
Range		1.6-11.2	

June 5, 2023 data cutoff. CI, confidence interval; DOR, duration of response; IRC, independent radiology review committee; LGG, low-grade glioma; NR, not reached; ORR, overall response rate; RAPNO, Response Assessment in Pediatric Neuro-Oncology; TTR, time to response; CR, complete response; PR, partial response; MR, minor response; SD, stable disease; PD, progressive disease. <sup>†</sup>As of the data cutoff, 66% remain on tovorafenib.

# Safety Summary From OJEMDA™ (tovorafenib) Prescribing Information



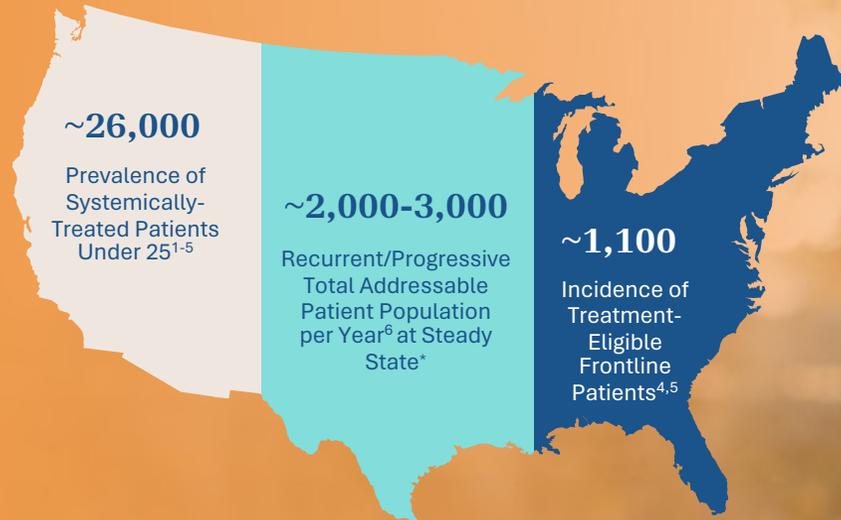
## Warnings and Precautions

- Hemorrhage
- Skin toxicity, including photosensitivity
- Hepatotoxicity
- Effect on growth
- Embryo-fetal toxicity
- Use in NF1- associated tumors

No boxed warnings or  
contraindications

Preferred Term, n (%)	TEAEs (≥ 30% of patients [n=137])	
	Any Grade	Grade ≥3
Any AE	137 (100)	86 (63)
Hair color changes	104 (76)	0
Anemia	81 (59)	15 (11)
Elevated CPK	80 (58)	16 (12)
Fatigue	76 (55)	6 (4)
Vomiting	68 (50)	6 (4)
Hypophosphatemia	64 (47)	0
Headache	61 (45)	2 (1)
Maculo-papular rash	60 (44)	11 (8)
Pyrexia	53 (39)	5 (4)
Dry skin	49 (36)	0
Elevated LDH	48 (35)	0
Increased AST	47 (34)	4 (3)
Constipation	45 (33)	0
Nausea	45 (33)	0
Upper RTI	43 (31)	2 (1)
Dermatitis acneiform	42 (31)	1 (1)
Epistaxis	42 (31)	1 (1)

# Estimated *BRAF*-Altered pLGG Patient Population In The U.S.



Up to **75%** of pLGG cases are *BRAF*-altered<sup>7-14</sup>

*Incidence of BRAF alterations varies across pLGG subtypes*



of these cases have *BRAF* fusion, primarily KIAA1549-*BRAF*<sup>†</sup>



of these cases have *BRAF* point mutations, primarily *BRAF* V600<sup>††</sup>

<sup>1</sup> Selt F, van Tilburg CM, Bison B, et al. Response to trametinib treatment in progressive pediatric low-grade glioma patients. *J Neurooncol.* 2020;149(3):499-510. doi:10.1007/s11060-020-03640-3. <sup>2</sup> Ryall S, Tabori U, Hawkins C. Pediatric low-grade glioma in the era of molecular diagnostics. *Acta Neuropathol Commun.* 2020;8(1):30. doi:10.1186/s40478-020-00902-z. <sup>3</sup> SEER US complete prevalence counts of patients aged under 25 with Brain and Other Nervous Systems tumors as of January 1, 2017. <sup>4</sup> CBTRUS, Qaddoumi et al 2009, Schreck et al 2019, ClearView Analysis. <sup>5</sup> US Census. Estimated annual incidence, estimated prevalence, and estimated recurrent/progressive total addressable patient population are Day One calculations based on publicly available data. <sup>6</sup> Source: Internal market research conducted by EpidStrategies, A Division of ToxStrategies, Inc. on behalf of Day One. <sup>7</sup> Ryall S, et al. *Acta Neuropathol Commun.* 2020;8(1):30. <sup>8</sup> Behling F, et al. *Cancers (Basel).* 2019;11(6):794. <sup>9</sup> Penman CL, et al. *Front Oncol.* 2015;5:54. <sup>10</sup> Packer RJ, et al. *Neuro Oncol.* 2017;19(6):750-761. <sup>11</sup> Cohen AR, et al. *N Engl J Med.* 2022;386(20):1922-1931. <sup>12</sup> Ryall S, et al. *J Neuropathol Exp Neurol.* 2017;76(7):562-570. <sup>13</sup> Lassaletta A, et al. *J Clin Oncol.* 2017;35(25):2934-2941. <sup>14</sup> Faulkner C, et al. *J Neuropathol Exp Neurol.* 2015;74(9):867-872. \* The estimated addressable pool of recurrent or progressive pLGG patients is based on progression free survival curves modeled from published literature. <sup>†</sup> Predominantly seen in pilocytic astrocytomas. <sup>††</sup> May vary across pLGG subtypes. *BRAF*, V-Raf murine sarcoma viral oncogene homolog B; *MAPK*, mitogen-activated protein kinase; pLGG, pediatric low-grade glioma.

# What Physicians & Caregivers Are Looking For In A Therapy

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## What HCP's are Seeking

Effective in stopping or shrinking tumors  
Manageable safety profile  
Minimal disruption to child's life



***“The goal is not interfering with the child’s life.”***  
– Ped Onc, Chicago Ad Board

## What Caregivers are Seeking

Live as normal of a childhood as possible  
Minimal impact from the disease  
Minimal disruption to child's life



***“Our time with our kids is precious and not guaranteed, so the less time with meds and doctors the better.”***  
– Caregiver for a child under 5 yrs

# Product Profile Aligns With What Physicians Are Looking For In A Therapy

## Efficacy

Meaningful tumor stabilization or shrinkage may be possible with OJEMDA.

In the clinical trial:

- 51% of children experienced tumor shrinkage by at least 25%
- 82% of children saw their tumors shrink or remain stable

## Safety

Generally well-tolerated therapy, with 9 out of 10 patients staying on treatment in the clinical trial

Most common grade 3 / 4 adverse events include: anemia, elevated CPK, maculopapular rash, fatigue & vomiting

## Dosing

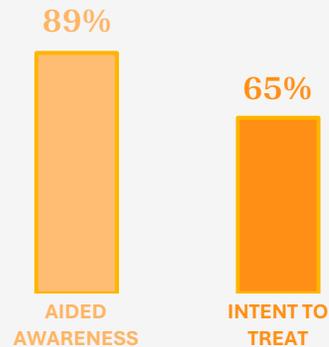
Once-weekly, taken with or without food conveniently from home can mean fewer daily interruptions

OJEMDA is indicated for the treatment of patients 6 months of age and older with relapsed or refractory pediatric low-grade glioma (LGG) harboring a BRAF fusion, rearrangement, or BRAF V600 mutation.

# Comprehensive Approach For A Successful Launch

## Physicians

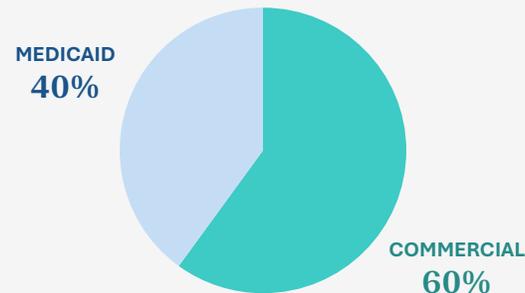
**Objective:** Establish OJEMDA™ as 1<sup>st</sup> choice in relapsed / refractory BRAF-altered pLGG patients



- Dedicated & experienced sales team to engage HCPs

## Payers

**Objective:** Rapidly establish coverage



- Pre-launch engagement to establish Day One & provide background information
- Plans in place for rapid engagement post-approval

## Patients & Families

**Objective:** Provide a positive & supportive experience when initiating therapy

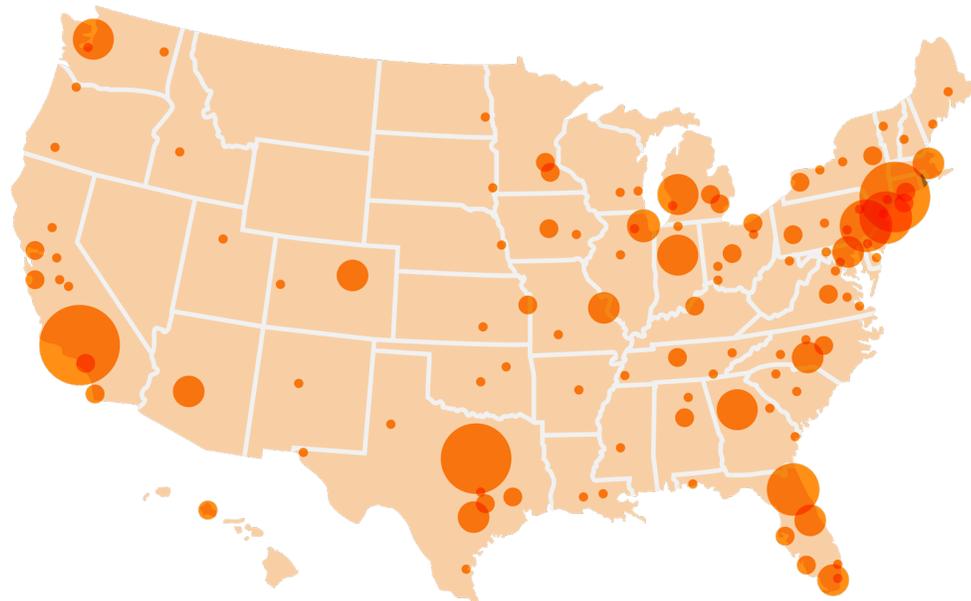


- SP distribution enables consistent patient experience
- Comprehensive patient support programs address patient needs and accelerates access to drug

# Targeted Launch With Highly Experienced Field Team

Targeting ~200 centers where 90% of pLGG patients receive treatment

Deep oncology experience with relationships at top-tier accounts



**18 Account Managers**  
fully-dedicated to OJEMDA

**Average experience:**

**13** years of oncology

**4** years of rare disease

**2** years of pediatric oncology clinical experience

**Institutional experience and existing relationships with key accounts**

# Patient Support Program Supporting Access

# EveryDay Support.

FROM DAY ONE





# FIREFLY-2 / LOGGIC

Pivotal Phase 3 Trial of Tovorafenib in  
Frontline pLGG

# FIREFLY-2/LOGGIC Pivotal Phase 3 Trial Of Tovorafenib In Frontline pLGG

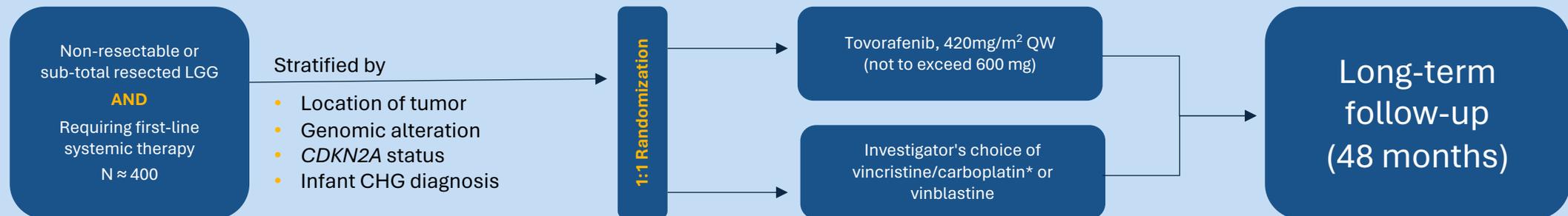


## Trial Design

- Randomized, global, registrational Phase 3 trial of monotherapy tovorafenib vs SoC chemotherapy
- Eligibility: Patients aged 6 months to <25 years with LGG harboring a RAF alteration and requiring first-line systemic therapy
- Tovorafenib available as tablets and pediatric-friendly liquid suspension
- Patients who progress after stopping tovorafenib may be re-challenged
- Patients who progress in the SoC arm during or post-treatment may cross-over to receive tovorafenib

## Endpoints

- **Primary endpoint: ORR based on RANO-LGG criteria, assessed by blinded independent central review**
  - **The ORR primary analysis is expected to occur ~12 months after the last patient randomized**
- Key secondary endpoints: PFS and DoR by RANO criteria, ORR by RAPNO criteria
- Other secondary endpoints: changes in neurological and visual function, safety, and tolerability
- Key exploratory objectives: QoL and health utilization measures



\* COG or SIOPe-LGG regimen. Abbreviations: CHG, chiasmatic, hypothalamic glioma; DoR, duration of response; LGG, low-grade glioma; ORR, objective response rate; QoL, quality of life; QW, once weekly; SoC, standard of care.



# FIRELIGHT-1

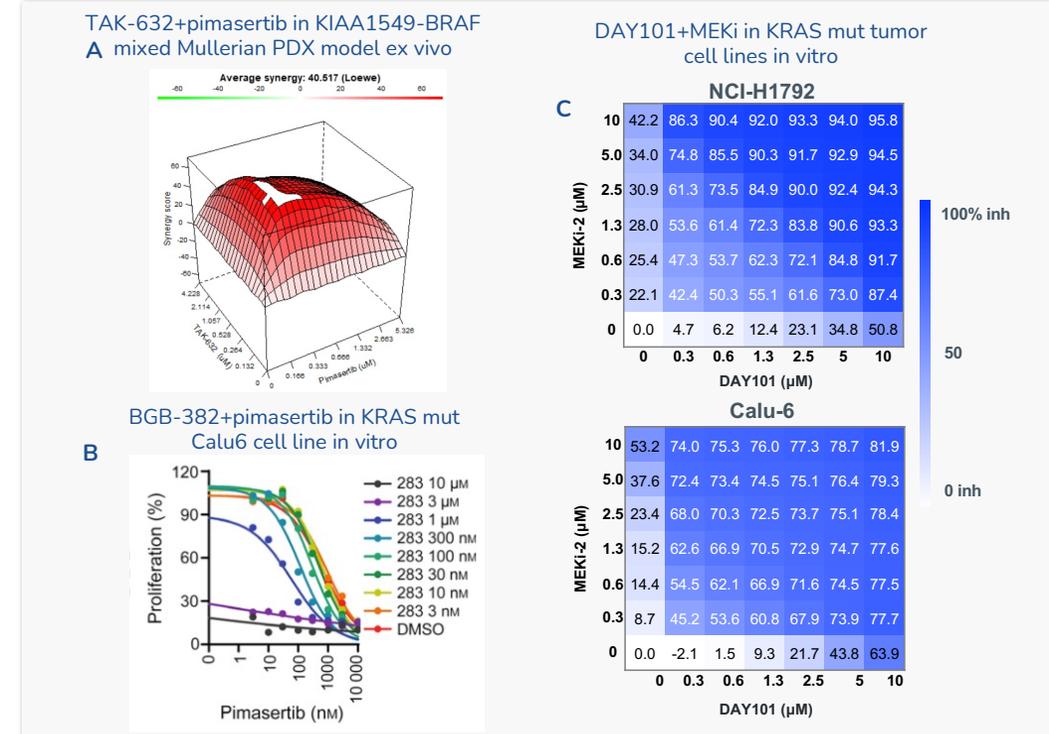
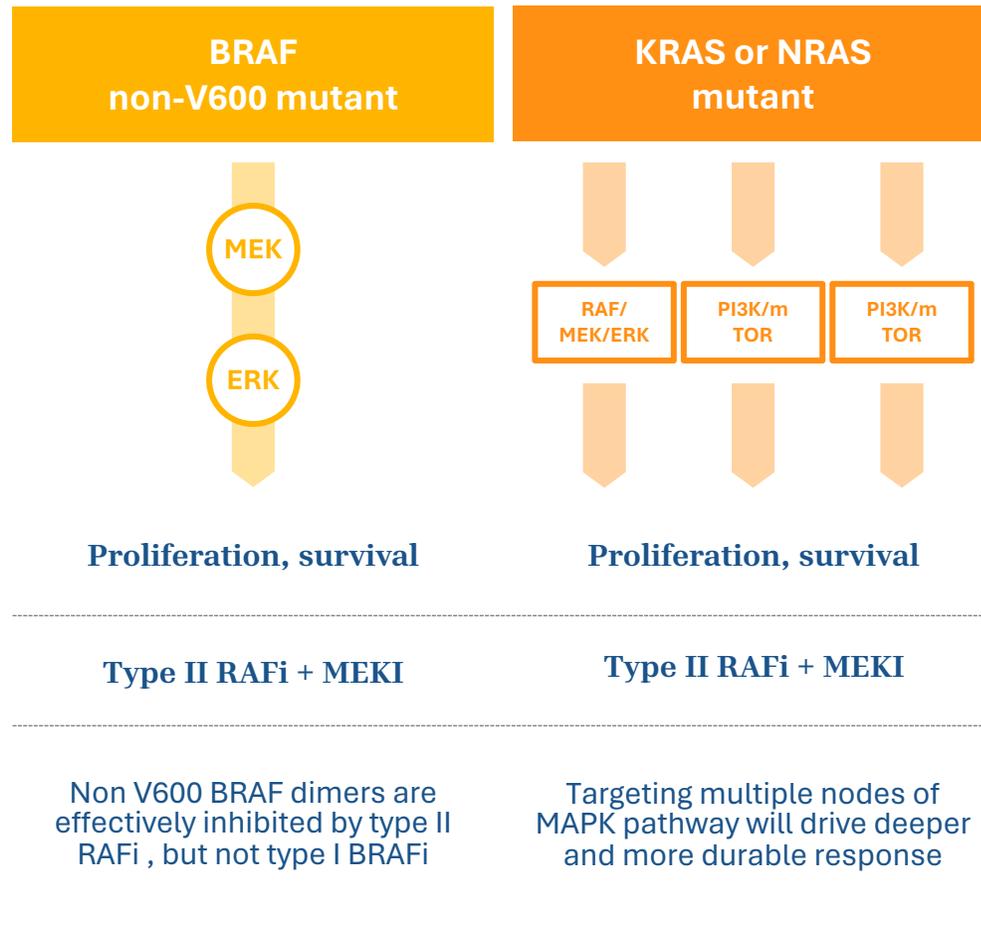
Phase 1b/2 Trials Evaluating Tovorafenib as a  
Combination with Pimasertib

# Pimasertib: Investigational Allosteric MEK1/2 Inhibitor With Demonstrated Activity In MAPK-Driven Solid Tumors

- Pimasertib is an investigational orally-bioavailable, selective, non-competitive MEK1/2 inhibitor in-licensed from Merck KGaA in February 2021
- Extensive non-clinical and clinical development work through Phase 2, including a solid tumor trial in Japan and combinations with other MOAs
- Main AEs typical for all in-class allosteric MEK inhibitors (GI, CPK elevation, skin rash, visual disturbances)
- Nearly three-fold higher CNS penetration than other MEKi inhibitors (trametinib or selumetinib)
- Pimasertib showed monotherapy clinical activity, including an improvement in median PFS versus dacarbazine in NRAS mutant melanoma
- Combination with tovorafenib and other targeted therapies may unlock the full value of pimasertib in advanced solid tumors



# Vertical MAPK Pathway Inhibition With Tovorafenib And Pimasertib May Unlock Potential Synergy For Adult Solid Tumors



- A** Type II RAFi + MEKi is synergistic in BRAF fusion melanoma PDX model ex vivo (internal data)
- B** Sensitivity of KRAS Q61 mutant cells to pimasertib is enhanced when cells are treated with the type II BRAF inhibitor BGB-283 (Yuan et al., Mol Onc 2020)
- C** Tovorafenib + MEK inhibitor is synergistic in KRAS G12C and Q61 mutant tumor cells (Venetsanakos et al., 2021 AACR poster presentation)

# Tovorafenib / Pimasertib Combination In Solid Tumors (FIRELIGHT-1)

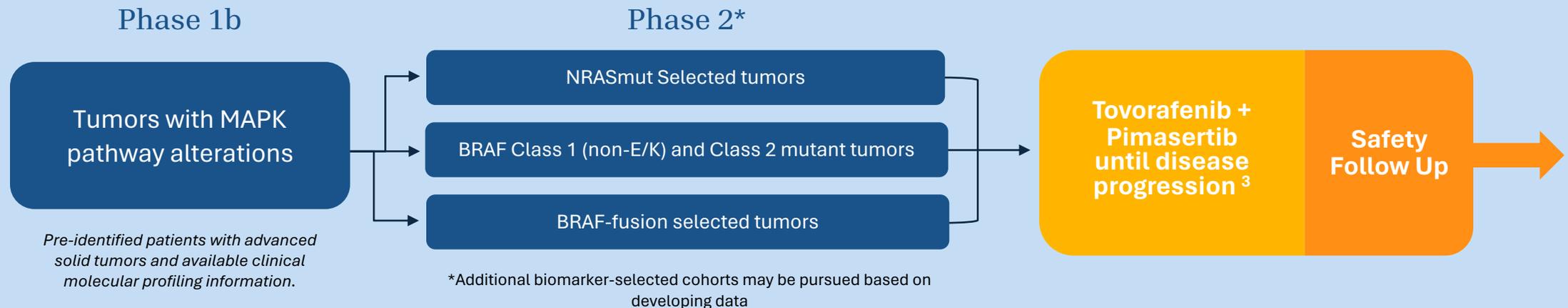


## Trial Design<sup>1</sup>

- Combination dose escalation, global phase 1b/2 trial<sup>2</sup>
- Phase 1b, BOIN (adaptive), n = 10/cohort (approximately)
- Phase 2, Simon 2-stage, n = 25/cohort (approximately)
- Eligibility: Patients aged 12 years and older, dose escalation will be performed in advanced solid tumor patients with any MAPK alteration. Expansion cohorts will focus on indications with a potential path to accelerated approval

## Endpoints

- Phase 1b: PK, PD and Safety, MTD/RP2D
- Phase 2: Efficacy (ORR, DOR)



# Summary



# Financial Summary: DAWN

Cash, cash equivalents and short-term investments as of December 31, 2023: \$366.3 million (no debt)

~87.4 million shares of common stock outstanding as of February 21, 2024

\$ Millions	Twelve Months Ended 12/31/23	Twelve Months Ended 12/31/22
R&D Expense	\$130.5	\$85.6
G&A Expense	\$75.5	\$61.3
Net Loss	\$188.9	\$142.2

## Projected Cash Runway into 2026

### FIREFLY-1: Pivotal Phase 2 clinical trial of tovorafenib

- Data published in *Nature Medicine* and oral presentations at SNO in November 2023
- OJEMDA™ (tovorafenib) approved in the U.S. and received PRV in April 2024

### FIREFLY-2/LOGGIC: Pivotal Phase 3 clinical trial of tovorafenib in newly diagnosed pLGG

- First patient dosed in March 2023

# Priorities as a Commercial-Stage Company

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## Launch OJEMDA™ (tovorafenib)

- Expand awareness amongst physicians and establish broad coverage to enable patient access
- Establish OJEMDA as the standard of care for relapsed or refractory pLGG harboring a BRAF alteration
- Provide a positive and supportive experience when initiating OJEMDA therapy for patients and families

## Advance Portfolio

- FIREFLY-2: Study tovorafenib as a frontline therapy for treatment-naive patients with pLGG
- FIRELIGHT-1: Evaluate tovorafenib in combination with pimasertib in adolescent and adult populations
- Advance early stage VRK1 program to clinical development

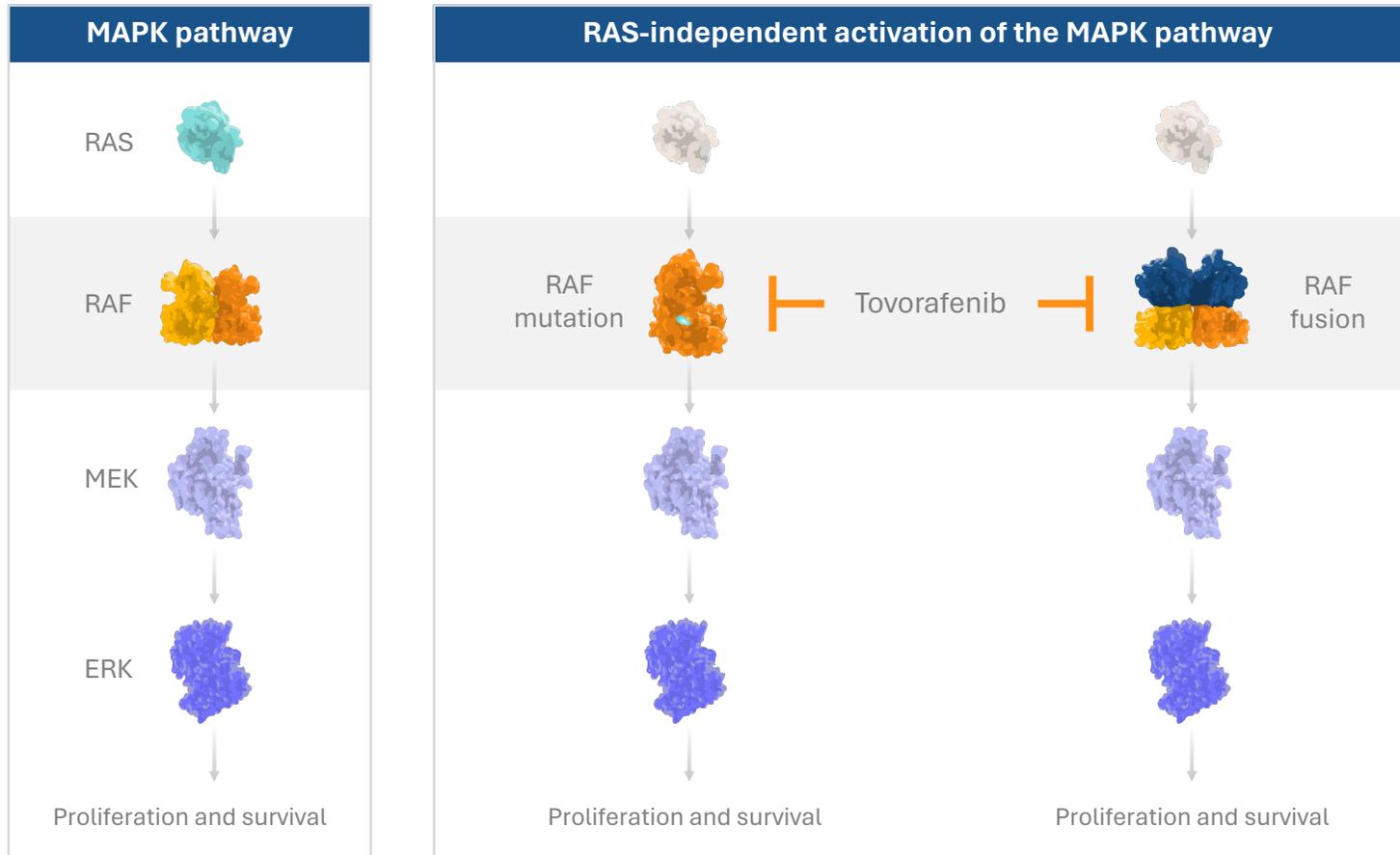
## Expand Pipeline

- Grow Day One into a leading, biopharmaceutical company that is the partner of choice for oncology drug development
- Explore selective partnerships as a source of capital and risk sharing
- Further invest in business development activities to expand our multiple asset portfolio for both children and adults

# Appendix



# Tovorafenib Inhibits Both BRAF Fusions And BRAF V600 Mutations



Tovorafenib is an investigational, oral, selective, CNS-penetrant, type II RAF inhibitor that was designed to inhibit both monomeric and dimeric RAF kinase

- Activity in tumors driven by both RAF fusions and BRAF V600E mutations
- Tablet and pediatric-friendly liquid suspension
- Once weekly dosing

Currently approved type I BRAF inhibitors are indicated for use in patients with tumors bearing BRAF V600 mutations

- Type I BRAF inhibitors cause paradoxical MAPK activation in the setting of wild-type RAF, increasing the risk of tumor growth in BRAF fusion-driven

# Pivotal Phase 2 Trial Of Monotherapy Tovorafenib In Relapsed Or Progressive pLGG (FIREFLY-1)



## Trial Design

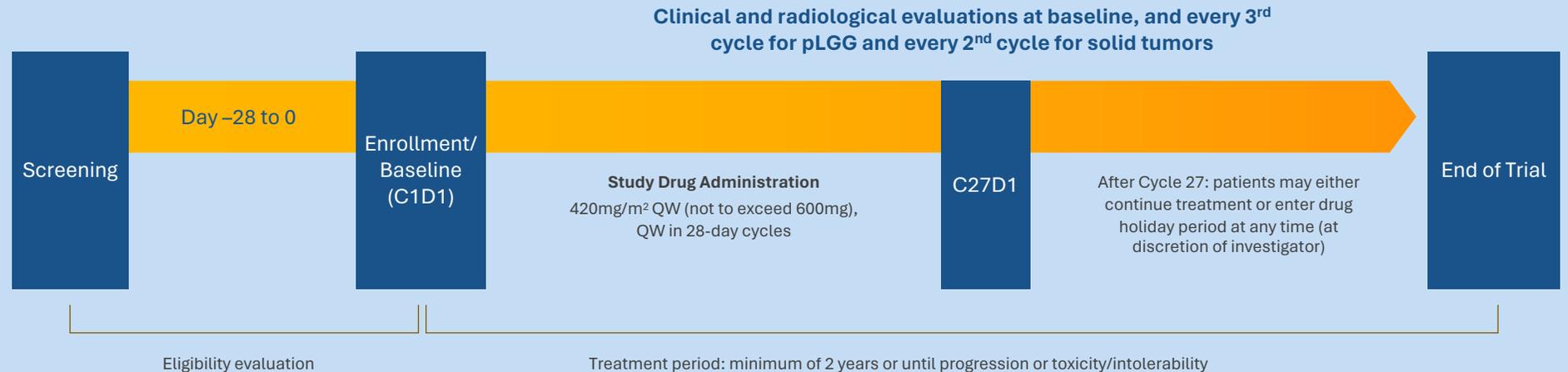
- Three arm, open-label, global registrational phase 2 trial
- **Pivotal Arm 1 (recurrent/progressive pLGG, n=77): harboring a KIAA1549-BRAF fusion or BRAF V600E mutation**
- Arm 2 (expanded access recurrent/progressive LGG, n=60): harboring an activating RAF alteration
- Arm 3 (extracranial solid tumors): harboring an activating RAF fusion

## Endpoints (Pivotal Arm 1)

- **Primary endpoint: ORR based on RANO-HGG<sup>1</sup>, assessed by blinded independent central review**
- Secondary endpoints: ORR by RAPNO-LGG<sup>2</sup> assessed by blinded independent central review; PFS, DoR; TTR, CBR; safety
- Exploratory analyses: ORR and CBR by RANO-LGG<sup>3</sup> assessed by blinded independent central review

## Key Inclusion Criteria

- 6 months – 25 years of age
- RAF-altered tumor
- ≥1 prior line of systemic therapy with radiographic progression
- Prior use of MAPK pathway targeted therapy was permitted





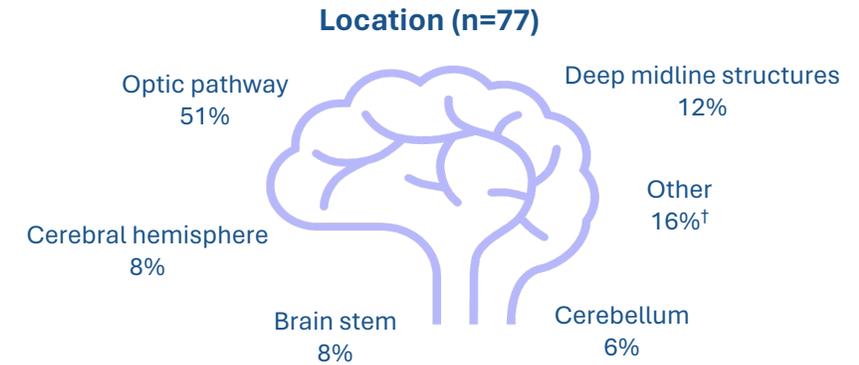
# Data from Pivotal Phase 2 FIREFLY-1 Trial

June 5, 2023 data cutoff

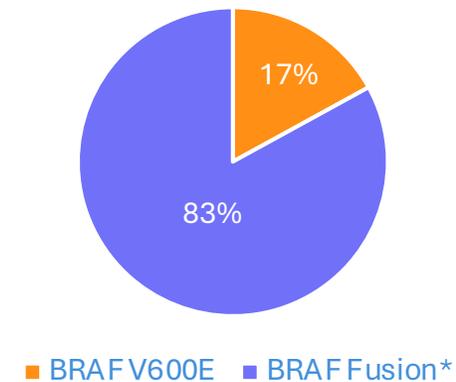


# FIREFLY-1 Baseline Patient Characteristics

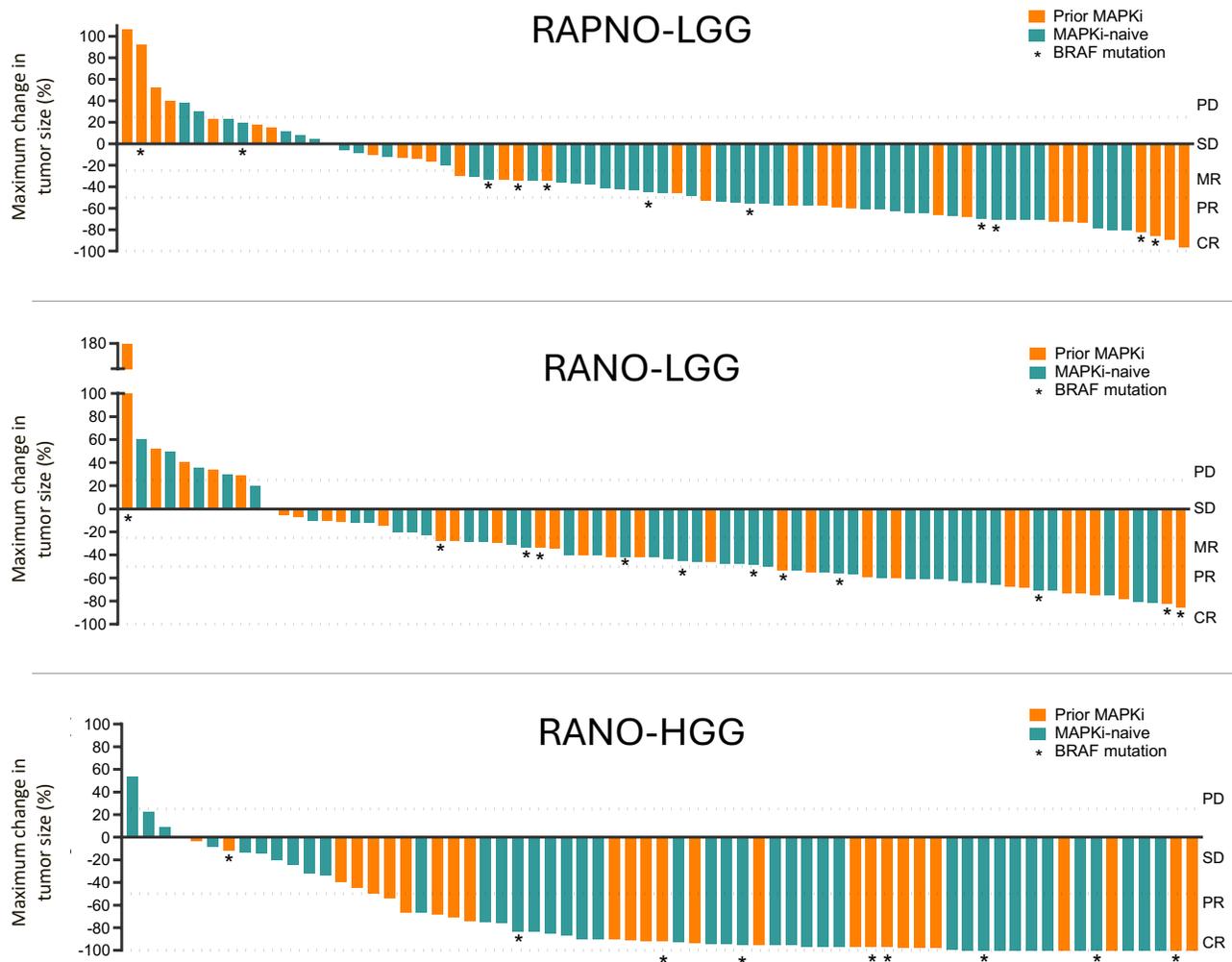
Characteristic	Arm 1 (n=77)
Median age, years (range)	8 (2-21)
Sex, n (%)	
Male	40 (52)
Female	37 (48)
Race, n (%)	
White	41 (53)
Asian	5 (6)
Black	2 (3)
Multiple	3 (4)
Other	6 (8)
Not specified	20 (26)
Number of lines of prior systemic therapy	
Median (range)	3 (1-9)
1, n (%)	17 (22)
2, n (%)	21 (27)
≥3, n (%)	39 (51)
Prior MAPK pathway targeted therapy, n (%)	
Prior MEK inhibitor	43 (56)
Prior BRAF inhibitor	8* (10)
Prior BRAF and MEK inhibitors <sup>‡</sup>	5 (7)
Any MAPK inhibitor	46 (60)



**BRAF alteration (n=77)**

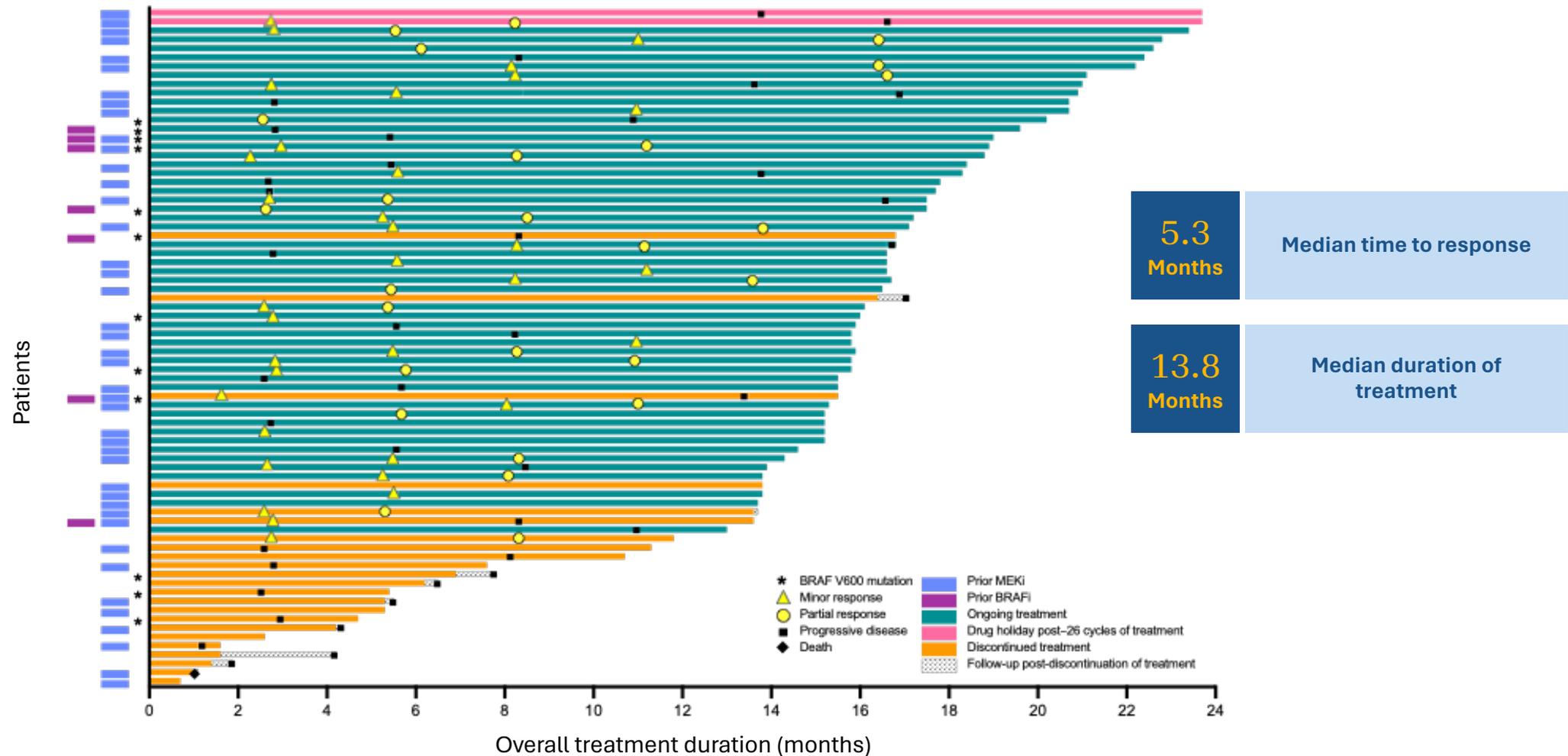


# Tumor Response To Tovorafenib Using RAPNO-LGG, RANO-LGG and RANO-HGG

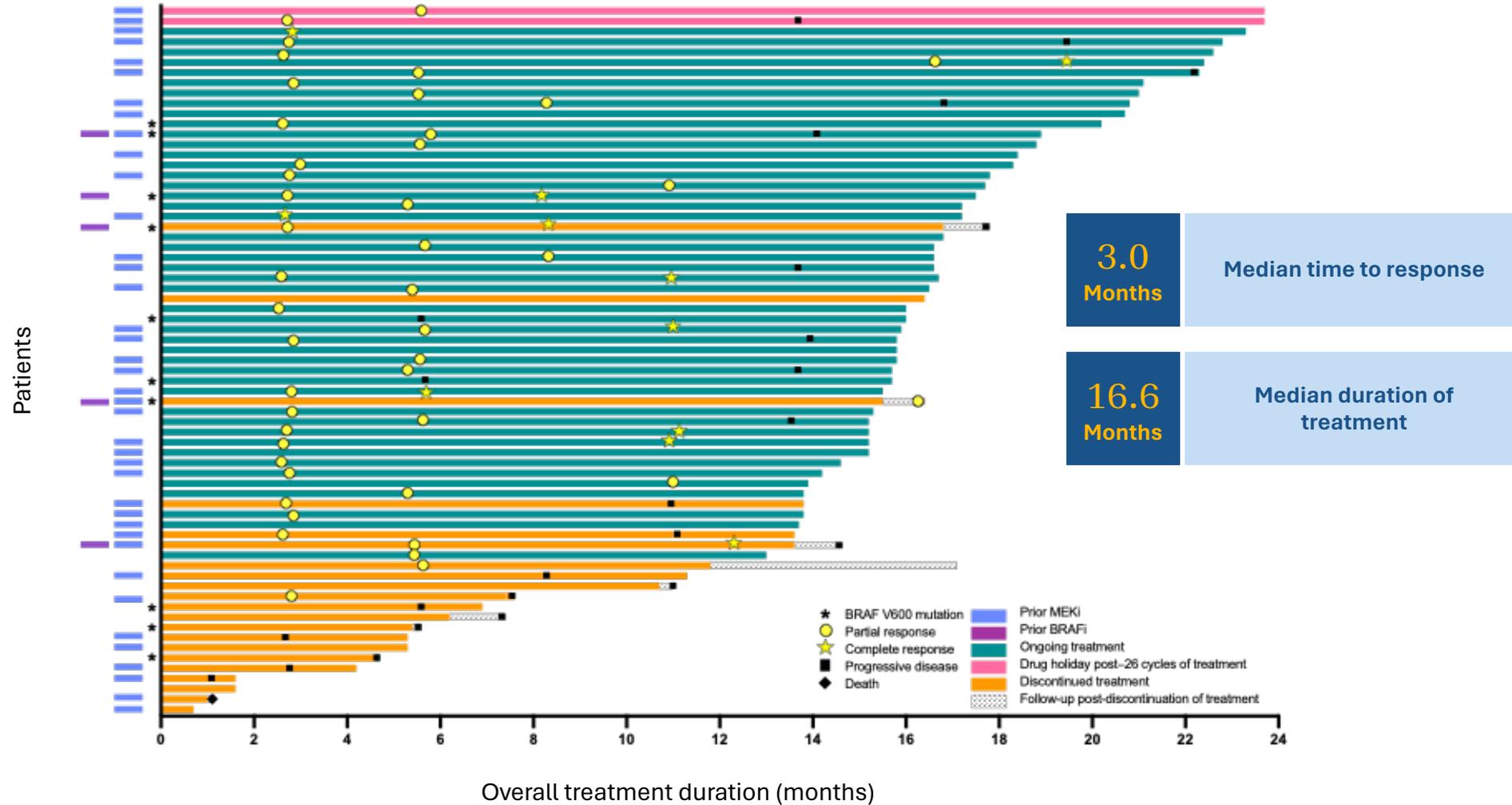


Response (IRC)	RAPNO-LGG n=76	RANO-LGG N=76	RANO-HGG N=69
<b>ORR,* n (%)</b>	<b>39 (51)</b>	<b>40 (53)</b>	<b>46 (67)</b>
95% CI	40-63	41-64	54-78
<b>CBR,* n (%)</b>			
SD of any length of time	62 (82)	63 (83)	64 (93)
SD ≥12 months	43 (57)	46 (61)	54 (78)
<b>BOR,* n (%)</b>			
CR	0	0	12 (17)
PR	28 (37)	20 (26)	34 (49)
MR	11 (14)	20 (26)	n/a
SD	23 (30)	23 (30)	18 (26)
SD <12 months	19 (25)	17 (22)	10 (14)
SD ≥12 months	4 (5)	6 (8)	8 (12)
PD	13 (17)	11 (14)	4 (6)
NE	1 (1)	2 (3)	1 (1)
<b>Median DOR, months</b>	<b>13.8</b>	<b>14.4</b>	<b>16.6</b>
95% CI	11.3-NR	11.0-NR	11.6-NR
<b>Median TTR, months</b>	<b>5.3</b>	<b>5.5</b>	<b>3.0</b>
Range	1.6-11.2	1.6-11.3	2.6-16.6

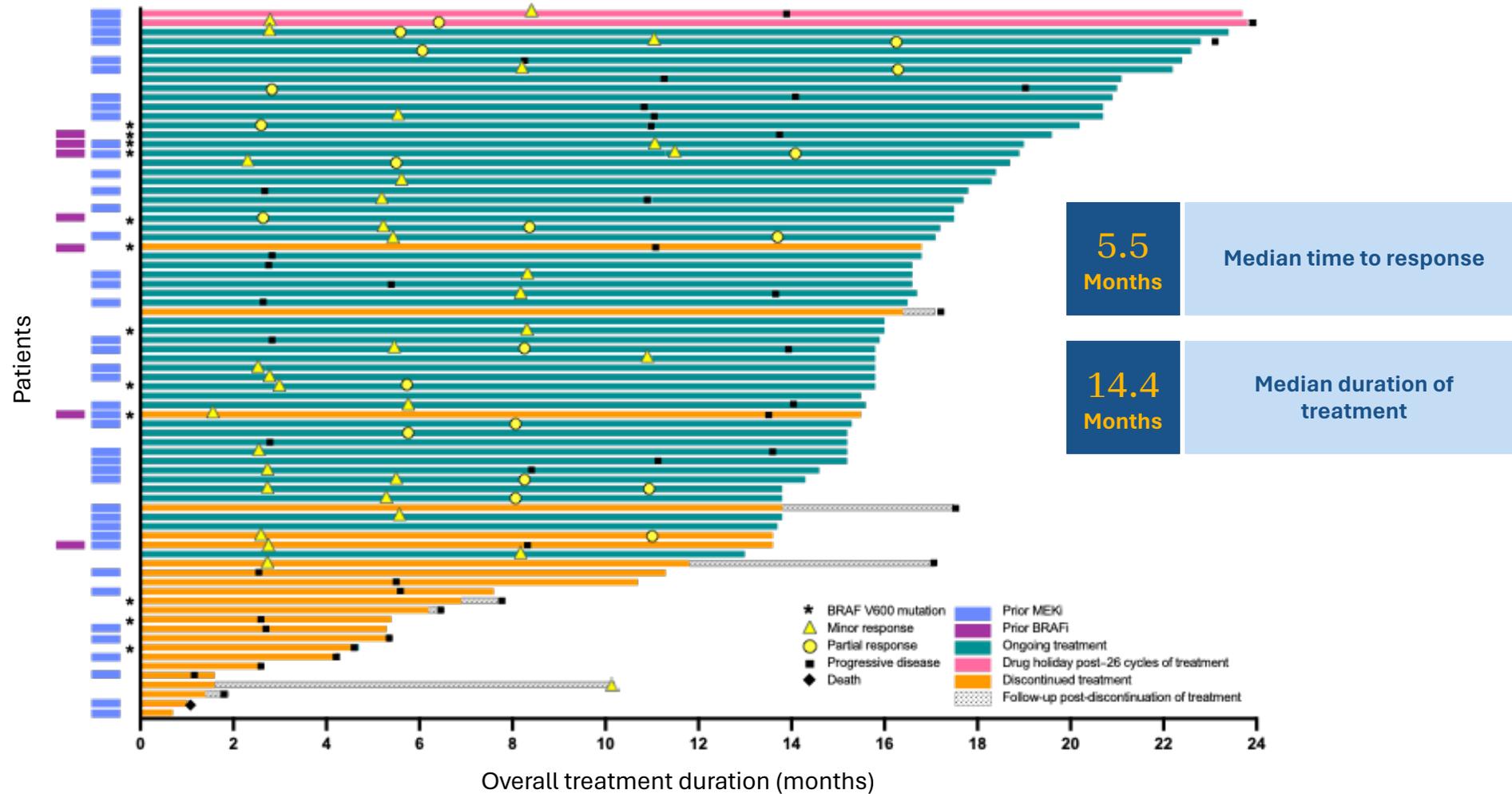
# Duration Of Tovorafenib Therapy For All Patients With RAPNO-LGG Evaluable Lesions



# Duration Of Tovorafenib Therapy For All Patients With RANO-HGG Evaluable Lesions



# Duration Of Tovorafenib Therapy For All Patients With RANO-LGG Evaluable Lesions



# Tumor Response To Tovorafenib Across Three Assessment Criteria Were Consistent Across BRAF Fusion And Mutation Patients, and Patients With Prior MAPK Treatment



Response (IRC)	RAPNO-LGG <sup>2</sup>		RANO-LGG <sup>3,4</sup>		RANO-HGG <sup>1</sup>	
	n		n		n	
<b>ORR,* n (%)</b>	<b>76</b>	<b>39 (51)</b>	<b>76</b>	<b>40 (53)</b>	<b>69</b>	<b>46 (67)</b>
BRAF fusion	64	33 (52)	64	33 (52)	59	41 (69)
BRAF mutation	12	6 (50)	12	7 (58)	10	5 (50)
Prior MAPKi	45	22 (49)	45	23 (51)	41	29 (71)
MAPKi-naive	31	17 (55)	31	17 (55)	28	17 (61)
<b>CBR,* n (%) (SD of any length of time)</b>	<b>76</b>	<b>62 (82)</b>	<b>76</b>	<b>63 (83)</b>	<b>69</b>	<b>64 (93)</b>
BRAF fusion	64	53 (83)	64	53 (83)	59	55 (93)
BRAF mutation	12	9 (75)	12	10 (83)	10	9 (90)
Prior MAPKi	45	38 (84)	45	38 (84)	41	37 (90)
MAPKi-naive	31	24 (77)	31	25 (81)	28	27 (96)
<b>CBR,* n (%) (SD ≥12 months)</b>	<b>76</b>	<b>43 (57)</b>	<b>76</b>	<b>46 (61)</b>	<b>69</b>	<b>54 (78)</b>
BRAF fusion	64	37 (58)	64	39 (61)	59	49 (83)
BRAF mutation	12	6 (50)	12	7 (58)	10	5 (50)
Prior MAPKi	45	25 (56)	45	26 (58)	41	33 (80)
MAPKi-naive	31	18 (58)	31	20 (65)	28	21 (75)
<b>Median DOR, months (95% CI)**</b>	<b>39</b>	<b>13.8 (11.3-NR)</b>	<b>40</b>	<b>14.4 (11.0-NR)</b>	<b>46</b>	<b>16.6 (11.6-NR)</b>
BRAF fusion	33	13.8 (11.3-NR)	33	16.3 (11.0-NR)	41	16.8 (11.6-NR)
BRAF mutation	6	NR (8.4-NR)	7	12.0 (8.4-NR)	5	15.1 (8.3-NR)
Prior MAPKi	22	13.8 (11.3-NR)	23	12.0 (8.5-NR)	29	15.1 (9.0-16.8)
MAPKi-naive	17	NR (8.4-NR)	17	16.3 (8.4-NR)	17	NR (11.6-NR)



# Tovorafenib Safety Data (n=137)

Preferred Term, n (%)	TEAEs		TRAEs	
	Any Grade	Grade ≥3	Any Grade	Grade ≥3
Any AE	137 (100)	86 (63)	134 (98)	58 (42)
Hair color changes	104 (76)	0	104 (76)	0
Anemia	81 (59)	15 (11)	67 (49)	14 (10)
Elevated CPK	80 (58)	16 (12)	77 (56)	16 (12)
Fatigue	76 (55)	6 (4)	60 (44)	6 (4)
Vomiting	68 (50)	6 (4)	28 (20)	3 (2)
Hypophosphatemia	64 (47)	0	48 (35)	0
Headache	61 (45)	2 (1)	29 (21)	0
Maculo-papular rash	60 (44)	11 (8)	56 (41)	11 (8)
Pyrexia	53 (39)	5 (4)	17 (12)	1 (1)
Dry skin	49 (36)	0	45 (33)	0
Elevated LDH	48 (35)	0	42 (31)	0
Increased AST	47 (34)	4 (3)	41 (30)	4 (3)
Constipation	45 (33)	0	31 (23)	0
Nausea	45 (33)	0	25 (18)	0
Upper RTI	43 (31)	2 (1)	2 (1)	0
Dermatitis acneiform	42 (31)	1 (1)	41 (30)	1 (1)
Epistaxis	42 (31)	1 (1)	27 (20)	0
Decreased appetite	39 (28)	5 (4)	28 (20)	4 (3)
Paronychia	36 (26)	2 (1)	32 (23)	2 (1)
Pruritus	35 (26)	1 (1)	32 (23)	1 (1)
COVID-19	34 (25)	0	0	0

- The most common reasons for discontinuation were tumor hemorrhage (3 patients) and decrease in growth velocity (2 patients)
- 33 patients (24%) had TRAEs leading to dose reduction; 50 patients (37%) had TRAEs leading to dose interruption
- Median duration of dose interruption was 2 weeks
- 9 patients (7%) had TRAEs leading to discontinuation