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): April 20, 2023

DAY ONE BIOPHARMACEUTICALS, INC.

(Exact name of registrant as specified in its charter)

(State or	Delaware r other jurisdiction ncorporation)	001-40431 (Commission File Number)	83-2415215 (IRS Employer Identification No.)
200	00 Sierra Point Parkway, Suite 501 Brisbane, California (Address of principal executive offices)		94005 (Zip Code)
	Registrant's telephone nu	mber, including area code: (6	550) 484-0899
	(Former name or for	N/A mer address, if changed since last re	port)
Check the appropriate ollowing provisions:	9	to simultaneously satisfy the fi	ling obligation of the registrant under any of the
☐ Written commu	nications pursuant to Rule 425 under the Secu	rities Act (17 CFR 230.425)	
☐ Soliciting mater	rial pursuant to Rule 14a-12 under the Exchanş	ge Act (17 CFR 240.14a-12)	
☐ Pre-commencer	ment communications pursuant to Rule 14d-2(b) under the Exchange Act (17	CFR 240.14d-2(b))
☐ Pre-commencer	ment 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:
Titl	e of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Stock, p	par value \$0.0001 per share	DAWN	Nasdaq Global Select Market
	rk whether the registrant is an emerging growt 2 of the Securities Exchange Act of 1934 (§ 24		405 of the Securities Act of 1933 (§ 230.405 of this
			Emerging growth company $oxtimes$
0 00	n company, indicate by check mark if the regis ial accounting standards provided pursuant to		extended transition period for complying with any Act. \square

Item 7.01 Regulation FD Disclosure.

On April 20, 2023, Day One Biopharmaceuticals, Inc. (the "Company") released a poster presentation entitled "Clinical Activity of the Type II pan-RAF Inhibitor Tovorafenib in BRAF-fusion Melanoma" (the "Poster Presentation"). The Poster Presentation will be provided at the Company's previously announced presentation at the 19th European Association of Dermato-Oncology (EADO) Congress held on April 20, 2023 at 8:45 a.m. Eastern Time.

A copy of the Poster Presentation is furnished as Exhibit 99.1 and is incorporated herein by reference.

The information in this Current Report on Form 8-K, including Exhibit 99.1 to this report, shall not be deemed to be "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 or Sections 11 and 12(a) (2) of the Securities Act of 1933, as amended (the "Securities Act"). The information contained in this Current Report on Form 8-K and in the accompanying Exhibit 99.1 shall not be incorporated by reference into any other filing under the Exchange Act or under the Securities Act, except as shall be expressly set forth by specific reference in such filing.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

Exhibit No.	Description
99.1	Poster Presentation
104	Cover Page Interactive Data File (embedded within the Inline XBRL document)

SIGNATURES

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

Date: April 20, 2023

DAY ONE BIOPHARMACEUTICALS, INC.

By: /s/ Charles N. York II, M.B.A.

Charles N. York II, M.B.A.

Chief Operating Officer and Chief Financial Officer

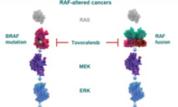


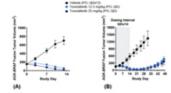
Clinical activity of the type II pan-RAF inhibitor tovorafenib in BRAF-fusion melanoma

Jeeyun Lee, MD,⁵ Natraj R. Ammakkanavar, MD,² Aprajita Saini, MS,² Mark W. Kieran MD, PhD,³ Lisa M. Kopp, DO, MPH,³ Bert H. O'Neil, MD²

- A distinct molecular subset of melanoma with no other known driver mutations harbors BRAF fusions:1
- nerbors BRAF fusions:1

 BRAF fusions occur in 2.6-6.7% of all melanomas²
 Tovoraferib is an investigational, oral selective, CNS-penetrant, type II pan-RAF
 inhibitor targeting both monomeric and dimento forms of RAF (Figure 1)
 Precinical and clinical data have indicated that tovoraferib is not associated with
 paradioxical activation of the mitogen-activated protein kinane-terracellular signalregulated kinase (MAPK/ERK) pathway as has been reported for type I BRAF
 inhibitors²⁴
- Transcorra-Sregie-agent tovorafemib activity has been observed in BRAF- and NRAS-mutate melanoma, low-grade glomas harboring RAF-frusions, and a patient with a novel SIXXC-BRAF sixon spindle cell seasonme** gure 1. Tovorafenib mechanism of action





- NOO SCID mice bearing melanoma PDX tumors with a confirmed AGK-BRAF fusion were treated with tovoralenib or vehicle control for 14 days. Treatment was then stopped, and tumors meniotred for regrowth. Tumor regrowth wiss not observed until 3 weeks post treatment (Figure 28)

- FIRELIGHT-1 (NCT04985004) is an open-label, multioenter, phase (P) 1b/2 unribrolla study of toxocalenib monotherapy or combination therapy in patients 212 years of age with recurrent, progressive or refractory solid sturiors harboring molecularly defined alterations of components of the MAPK pathway (Figure 3). Substudy 1 (DAY101-102a) is investigating toxocrafenib monotherapy in patients with a recurrent, progressive or refractory melanoma (sohort 1) or other solid sumor (cohort 2) harboring activating (RAPF or RAPF (CRAP) flusions or RAPF amplifications:

 Primary endocinit: overall responses rate was MIROLIVETED.
- Primary endpoint: overall response rate per RECIST v1.1
- Tovorafenib administered to adult patients (x18 years of age) at 600 mg once weekly (QW) and for patients 12 to <18 years of age at 420 mg/m² QW (not to exceed 600 mg)



Projected anothered towardards alone (v-G); restances solved (v-G); boson ages SM towardar, MFPs, integer-activated protein funcion, P, phase, RECSY, response recommended P 2 date, TSC, to be determined.

Preliminary clinical activity of tovorafenib monotherapy in the first 3 patients with BRAF fusion melanoma is reported (data outoff Feb 8, 2023; Table 1)

	Patient 1	Patient 2	Patient 3
Age ((mers)	63	36	31
See	м	w	м
BCOG status		1	
Primary cencer	Cutaneous melanoms. non-Spitzoid	Malgnant melanoma	Cutaneous melanome non-Spitzoid
BIGAF fusion	AGK-BRAF	TRIMOS-BRAF	ARCRIVE-BROWF
Plage at diagnosis		Unknown	
Prior therapy:			
Surgery	Yes	No	No
Padoherapy	No	Yes	796
immune checkpoint inhibitor	Yes	Yes	Yes
Prior times of largeted treatment	1	2	1
Tovorationib dose	600 mg GW	600 mg QW	600 mg GW
TRAE 103*	No	Ne	No
Dose modification/discontinuation due to AE*	No	No	No
Dose Interruptions'	No	No	No
Treatment ongoing*	Yes	Yes	Yes
Current cycle*			
Sent RECIST response to tovoralenitr'	08	PR	PRI

Parameter	Description/outcome
Prior therapies	Multiple lymphadenectomes and skin- lesion excision surgery Pembrolizumab (11 weeks) Best response: 50
Toworalenth treatment to date in FL-1 100s melanoma cohorty	600 mg OW 5 cycles with no dose interruption or modifications due to Alfa
Antifumor activity results to date*	CR (11-week scar)/: confirmed at 16 weeks/
Safety results to date*	TRACK transcent read (G1 and G2) aniemia (G2) TEAE: neck pain (G1)

"Date statiff Feb 8, 2025. "Out of sendow per protocot, four RECRET v1.1.

AE, absence event, CRI, complete response, G, grade, F1.1. FRES, REF1.1, QRV, once weekly, RECRET, and build factors. 2.00. state describes. TDAT. Instituted enterpole advance event, TDPEs, treatment enterpol



Parameter	Description/outcome
Prior therapies	Radiation Pembrolizumab (2 mol: Best response: 50
Toworalenth treatment to date in FL-1 100a (metanoma cohort)*	 600 mg OW 2 cycles with no dose interruption or modifications due to Alfia
Antitumor activity results to data*	PR (T-week scan) ⁽¹⁾ ; is availing a confirmatory scan.
Safety results to date*	TRADA untours (Sr) hand-foot syndrome (Sr)

*Data cutoff Fath-6, 2009. *In window per protocol. *Sper RECRET v.t. t. AC, althorise event, CL grade; FL-1, FRECLESHT-1; esc, mortile; QMI, onci-retions in visit Surveys. AC, status elevanor. TEAPs, freatment estatus sub-

- Early results from the first 3 patients of this ongoing trial showed that tovorafenib

 Displayed encouraging antifumor activity in BRAF-fusion melanoma

 2 PRs* and 1 CR per RECIST v1.1

 Vars generally well biolerate:

 All TEAEs and TRAEs were G1 or G2

 All TEAEs and TRAEs were G1 or G2

 All of Feb 3, 2023, all 3 patients remained on tovorafenib with no dose reduction or treatment interruption

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