UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

		(Amendment No. 1)		
	ark One)			
\boxtimes	ANNUAL REPORT PURSUANT TO SEC	CTION 13 OR 15(d) OF THE SECURITI	IES EXCHANGE ACT OF 1	.934
	For the	ne fiscal year ended December 31, 2021		
		OR		
	TRANSITION REPORT PURSUANT TO OF 1934	O SECTION 13 OR 15(d) OF THE SECU	RITIES EXCHANGE ACT	
	FOR THE TRANSI	TTION PERIOD FROM TO	<u></u>	
	C	ommission File Number 001-39303		
		THERAPEUTICS, IN the of Registrant as specified in its Charter)	NC.	
	Delaware		7-4272481	
	(State or other jurisdiction of incorporation or organization)		R.S. Employer ntification No.)	
	260 Littlefield Avenue			
	South San Francisco, CA (Address of principal executive offices)		94080 (Zip Code)	
	Registrant's telep	phone number, including area code: (650) 481-677	0	
		gistered pursuant to Section 12(b) of the Act:		
		Trading	Name of Each Exchange	
_	Title of Each Class of Securities Registered Common Stock, par value \$0.0001 per share	Symbol PLRX	on which Securities are Registered The Nasdaq Stock Market LLC	
	Securities regis	tered pursuant to Section 12(g) of the Act: None		
Indi	icate by check mark if the Registrant is a well-known se	easoned issuer, as defined in Rule 405 of the Securities	es Act. YES □ NO ⊠	
Indi	icate by check mark if the Registrant is not required to f	file reports pursuant to Section 13 or 15(d) of the Act	t. YES □ NO ⊠	
193	icate by check mark whether the Registrant: (1) has filed 4 during the preceding 12 months (or for such shorter pag requirements for the past 90 days. YES 🗵 NO 🗆	eriod that the Registrant was required to file such rep		
Reg	icate by check mark whether the Registrant has submitted gulation S-T ($\S 232.405$ of this chapter) during the precess). YES \boxtimes NO \square			
eme	icate by check mark whether the registrant is a large accerging growth company. See the definitions of "large accapany" in Rule 12b-2 of the Exchange Act.			an
Lar	ge accelerated filer 🗵		Accelerated filer	
Nor	n-accelerated filer		Smaller reporting company	

Emerging growth company

Indicate by check mark whether the registrant has filed a report on and attestation to its management's assessment of the effectiveness of its internal control over financial reporting under Section 404(b) of the Sarbanes-Oxley Act (15 U.S.C. 7262(b)) by the registered public accounting firm that prepared or issued its audit report.
Indicate by check mark whether the Registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). YES □ NO ⊠
The aggregate market value of the voting and non-voting common equity held by non-affiliates of the Registrant, based on the closing price of the shares of common stock on The NASDAQ Stock Market on June 30, 2021, was \$751,814,002.
The number of shares of Registrant's Common Stock outstanding as of February 25, 2022 was 36,113,521.

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. $\ \Box$

DOCUMENTS INCORPORATED BY REFERENCE

Portions of the registrant's definitive Proxy Statement for the 2022 Annual Meeting of Stockholders to be filed with the U.S. Securities and Exchange Commission pursuant to Regulation 14A not later than 120 days after the end of the fiscal year covered by this Annual Report on Form 10-K are incorporated by reference in Part III, Items 10-14 of this Annual Report on Form 10-K

EXPLANATORY NOTE

Pliant Therapeutics, Inc. (the "Company") is filing this Amendment No. 1 (this "Amendment") to its Annual Report on Form 10-K for the year ended December 31, 2021, originally filed with the Securities and Exchange Commission on March 1, 2022 (the "Original Filing"), to file Exhibit 23.1, Consent of Deloitte & Touche LLP ("Deloitte"), Independent Registered Public Accounting Firm, to the incorporation by reference of Deloitte's report dated February 28, 2022 relating to the financial statements of Pliant Therapeutics, Inc. and the effectiveness of Pliant Therapeutics, Inc.'s internal control over financial reporting into the Company's Registration Statement Nos. 333-238922 and 333-254361 on Form S-8 and Registration Statement No. 333-257684 on Form S-3 (the "Auditor Consent"). The Original Filing inadvertently omitted the Auditor Consent. This Amendment is being filed solely to provide the Auditor Consent.

Except as described in this Explanatory Note, this Amendment does not modify, amend, or update in any way the financial information or any other information set forth in the Original Filing.

Item 15. Exhibits

Item 15 of the Original Filing is hereby amended solely to update the Exhibit Index to include the Consent of Deloitte & Touche LLP (23.1) with the new certifications required pursuant to Section 302 of the Sarbanes-Oxley Act of 2002. The updated Exhibit Index is below.

			Incorpora	ated by Ref	erence
Exhibit <u>Number</u>	Exhibit Description	Form	File No.	Exhibit	Filing Date
3.1	Amended and Restated Certificate of Incorporation of the Registrant, as currently in effect.	10-Q	001-39303	3.1	August 11, 2020
3.2	Amended and Restated Bylaws of the Registrant, as currently in effect.	8-K	001-39303	3.2	December 15, 2020
4.1	Specimen Common Stock Certificate of the Registrant.	S-1/A	333-238146	4.1	May 26, 2020
4.2	Amended and Restated Investors' Right Agreement by and among the Registrant and certain of its stockholders, dated December 19, 2010.	S-1/A	333-238146	4.2	May 26, 2020
4.3†	Description of the Registrant's Securities				
10.1#	2020 Stock Option and Incentive Plan and forms of award agreement.	S-1/A	333-238146	10.2	May 26, 2020
10.2#	2015 Equity Incentive Plan and forms of award agreements thereunder.	S-1	333-238146	10.1	May 11, 2020
10.3#	2020 Employee Stock Purchase Plan.	S-1/A	333-238146	10.3	May 26, 2020
10.4#	Senior Executive Cash Incentive Bonus Plan.	S-1	333-238146	10.4	May 11, 2020
10.5#	Non-Employee Director Compensation Policy.	S-1/A	333-238146	10.6	May 26, 2020
10.6#	Prior Non-Employee Director Compensation Policy.	S-1	333-238146	10.5	May 11, 2020

10.7#	Executive Severance Plan.	S-1	333-238146	10.7	May 11, 2020
10.8#	Offer Letter, by and between the Registrant and Mike Ouimette, dated August 17, 2020.	10-Q	001-39303	10.1	November 10. 2020
10.9#	Offer Letter, by and between the Registrant and Barbara Howes, dated May 1, 2019.	S-1	333-238146	10.12	May 11, 2020
10.10#	Offer Letter, by and between the Registrant and Éric Lefebvre, M.D., dated February 28, 2018.	S-1	333-238146	10.11	May 11, 2020
10.11#	Offer Letter, by and between the Registrant and Keith Cummings, M.D., MBA, dated November 29, 2018.	S-1	333-238146	10.10	May 11, 2020
10.12#	Offer Letter, by and between the Registrant and Hans Hull, J.D., dated February 10, 2016.	S-1	333-238146	10.9	May 11, 2020
10.13#	Offer Letter, by and between the Registrant and Bernard Coulie, M.D., Ph.D., dated October 12, 2015.	S-1	333-238146	10.8	May 11, 2020
10.14	Form of Indemnification Agreement, by and between the Registrant and each of its directors and certain officers.	S-1	333-238146	10.13	May 11, 2020
10.15	Office Lease, by and between the Registrant and 260 Littlefield Avenue South San Francisco, California 94080, dated February 6, 2018.	S-1	333-238146	10.14	May 11, 2020
10.16†	Collaboration and License Agreement, by and between the Registrant and Novartis Institutes For Biomedical Research, Inc., dated October 17, 2019.	S-1	333-238146	10.15	May 11, 2020
23.1††	Consent of Deloitte & Touche LLP, Independent Registered Public Accounting Firm.				
31.1	Certification of Chief Executive Officer required by Rule 13a-14(a) or Rule 15d-14(a) of the Securities Exchange Act of 1934, as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.	10-K	001-39303	31.1	March 1, 2022
					, -

31.2	<u>Certification of Chief Financial Officer required by Rule 13a-14(a) or Rule 15d-14(a) of the Securities Exchange Act of 1934, as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.</u>	10-K	001-39303	31.2	March 1, 2022
31.3††	<u>Certification of Chief Executive Officer required by Rule 13a-14(a) or Rule 15d-14(a) of the Securities Exchange Act of 1934, as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.</u>				
31.4††	Certification of Chief Financial Officer required by Rule 13a-14(a) or Rule 15d-14(a) of the Securities Exchange Act of 1934, as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.				
32.1**	Certification of Chief Executive Officer and Chief Financial Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.	10-K	001-39303	31.1	March 1, 2022
101.INS	XBRL Instance Document				
101.SCH	XBRL Taxonomy Extension Schema Document				
101.CAL	XBRL Taxonomy Calculation Linkbase Document				
101.DEF	XBRL Taxonomy Extension Definition Document				
101.LAB	XBRL Taxonomy Label Linkbase Document				
101.PRE*	XBRL Taxonomy Presentation Linkbase Document				

^{**} The certifications furnished in Exhibit 32.1 to the Original Filing are deemed to be furnished with the Annual Report on Form 10-K and will not be deemed to be "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, except to the extent that the Registrant specifically incorporates them by reference.

[#] Represents management compensation plan, contract or arrangement.

^{††} Filed herewith.

SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, as amended, the Registrant has duly caused this Amendment No. 1 to the Annual Report on Form 10-K for the year ended December 31, 2021 to be signed on its behalf by the undersigned, thereunto duly authorized.

PLIANT THERAPEUTICS, INC.

Date: March 1, 2022

By: <u>/s/</u> Bernard Coulie

Bernard Coulie, M.D., Ph.D.

President and Chief Executive Officer

Date: March 1, 2022

By: /s/ Keith Cummings

Keith Cummings, M.D., M.B.A.

Chief Financial Officer

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We consent to the incorporation by reference in Registration Statement No.'s 333-238922 and 333-254361 on Form S-8, and Registration Statement No. 333-257684 on Form S-3 of our report dated February 28, 2022 relating to the financial statements of Pliant Therapeutics, Inc. and the effectiveness of Pliant Therapeutics, Inc.'s internal control over financial reporting, appearing in the Annual Report on Form 10-K of Pliant Therapeutics, Inc. for the year ended December 31, 2021.

/s/ Deloitte & Touche LLP

San Francisco, California February 28, 2022

CERTIFICATION PURSUANT TO RULE 13a-14(a) OR 15d-14(a) OF THE SECURITIES EXCHANGE ACT OF 1934, AS ADOPTED PURSUANT TO SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002

I, Bernard Coulie, certify that	Ι,	Bernard	Coulie,	certify	that
---------------------------------	----	---------	---------	---------	------

- 1. I have reviewed this Amendment No. 1 to the Annual Report on Form 10-K of Pliant Therapeutics, Inc.; and
- 2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report.

Date: March 1, 2022	By:	/s/ Bernard Coulie
		Bernard Coulie, M.D., Ph.D.
		President and Chief Executive Officer
		(Principal Executive Officer)

CERTIFICATION PURSUANT TO RULE 13a-14(a) OR 15d-14(a) OF THE SECURITIES EXCHANGE ACT OF 1934, AS ADOPTED PURSUANT TO SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002

T TZ . 1/1.	C	- · · · · · · · · · · · · · · · · · · ·	41 4 .
ı, Keitn	Cummings,	cerurv	tnat:

- 2. I have reviewed this Annual Report on Form 10-K of Pliant Therapeutics, Inc.; and
- 3. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report.

Date: March 1, 2022	By:	/s/ Keith Cummings
		Keith Cummings, M.D., M.B.A.
		Chief Financial Officer
		(Principal Financial Officer)