

**UNITED STATES SECURITIES AND EXCHANGE
COMMISSION**

Washington, D.C. 20549

**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF
SECURITIES**

OMB APPROVAL

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Estimated average burden

hours per response: 0.5

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934
or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>Koehler Maria</u> (Last) (First) (Middle) C/O REPARE THERAPEUTICS INC. 7210 FREDERICK-BANTING, SUITE 100 (Street) ST- LAURENT A8 H4S 2A1 (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 06/18/2020	3. Issuer Name and Ticker or Trading Symbol <u>Repare Therapeutics Inc. [RPTX]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) EVP, Chief Medical Officer	5. If Amendment, Date of Original Filed (Month/Day/Year) 06/18/2020 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Shares	52,495 ⁽¹⁾	D	

**Table II - Derivative Securities Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Employee Stock Option (right to buy)	(2)	05/01/2029	Common Shares	141,335 ⁽¹⁾	2.062	D	

Explanation of Responses:

- This represents the number of common shares and common shares underlying the option beneficially owned by the Reporting Person on the initial date of filing.
- The original grant was for 193,830 option shares. Twenty-five percent (25%) of the shares subject to the option vested on May 1, 2020, and one thirty-sixth (1/36th) of the remaining shares subject to the option vested or shall vest each month thereafter, subject to Reporting Person continuing to provide service through each such date.

Remarks:

This amendment is being filed to correct an inadvertent error in the original filing that did not capture a prior exercise of options reported in Table II of the original filing.

/s/ Steve Forte, Attorney-
in-Fact 07/06/2020

** Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 5 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.