

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

OMB APPROVAL	
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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* <a href="#">Wellington Biomedical Innovation Master Investors (Cayman) II L.P.</a>  (Last) (First) (Middle) C/O WELLINGTON MANAGEMENT COMPANY LLP 280 CONGRESS STREET  (Street) BOSTON MA 02210  (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 09/12/2024	3. Issuer Name and Ticker or Trading Symbol <a href="#">MBX Biosciences, Inc.</a> [ MBX ]	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)	5. If Amendment, Date of Original Filed (Month/Day/Year)  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)
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**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			
Series B Preferred Stock	(1)	(1)	Common Stock	1,386,335	(1)	D	
Series C Preferred Stock	(2)	(2)	Common Stock	403,787	(2)	D	

**Explanation of Responses:**

- Each share of Series B Preferred Stock is convertible into shares of the Issuer's Common Stock on a 12.0221-for-one basis at any time at the holder's election. Immediately prior to the closing of the Issuer's initial public offering, all such shares of Series B Preferred Stock will automatically convert into the number of shares of Common Stock of the Issuer shown in column 3. The Series B Preferred Stock has no expiration date.
- Each share of Series C Preferred Stock is convertible into shares of the Issuer's Common Stock on a 12.0221-for-one basis at any time at the holder's election. Immediately prior to the closing of the Issuer's initial public offering, all such shares of Series C Preferred Stock will automatically convert into the number of shares of Common Stock of the Issuer shown in column 3. The Series C Preferred Stock has no expiration date.

[Wellington Biomedical Innovation Master Investors \(Cayman\) II L.P.](#),  
 By: [Wellington Management Company LLP, as Investment Adviser, /s/ Jennifer C. Boylan, Authorized Person](#) 09/12/2024

\*\* 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.