

December 4, 2020

Lee Rauch
Chief Executive Officer
Miragen Therapeutics, Inc.
6200 Lookout Road
Boulder, CO 80301

Therapeutics, Inc.
Statement on Schedule 14A
2020

Re: Miragen
Preliminary Proxy
Filed November 20,
File No. 001-36483

Dear Ms. Rauch:

We have reviewed your filing and have the following comments. In some of our comments, we may ask you to provide us with information so we may better understand your disclosure.

Please respond to these comments within ten business days by providing the requested information or advise us as soon as possible when you will respond. If you do not believe our comments apply to your facts and circumstances, please tell us why in your response.

After reviewing your response to these comments, we may have additional comments.

Preliminary Proxy Statement on Schedule 14A

Acquisition of Viridian, page 13

1. It does not appear that you have filed the exclusive license agreement with ImmunoGen, Inc. as an exhibit to any of your filings and it is not clear whether this agreement will be filed when Miragen shareholders will be asked to vote on the Conversion Proposal. Please file that agreement as an exhibit to an appropriate filing or explain to us the basis for your determination that it is not required to be filed. If you believe the agreement is not required to be filed, please include in your explanation a detailed analysis supporting your belief that your plans to develop and commercialize VRDN-001 are not substantially dependent on that license agreement.

2. We note your disclosure that you have included a pro forma balance sheet as Annex C to your proxy statement for informational purposes only. Please revise this statement so that it does not imply to shareholders that you are not responsible for this disclosure.

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Background and Reasons for the Transactions, page 15

3. We note your disclosure that in approving the acquisition of Viridian and the related financing, the board of directors considered the pros and cons of these transactions versus other alternatives. Please expand your disclosure to include the consideration that the board gave to the pros and cons of acquiring Viridian through the issuance of convertible preferred stock instead of through a traditional acquisition where the

stockholders could
vote to approve or disapprove of the acquisition and the issuance of
securities prior to the
consummation of the acquisition. The expanded disclosure should include
why the board
viewed the preferred stock structure as preferable to a traditional
structure, the business
reasons for preferring the current structure, and why the board chose to
structure the
transaction in a way that would not allow the stockholders of the company
to vote and

express their approval or disapproval on the acquisition itself.
4. We note that your Proposal No. 1 Approval of Conversion Proposal is a
result of your
acquisition of Viridian. Although we note your brief discussion of the
background of the
transactions in this section, please refer to Note A of Schedule 14A and
revise your proxy
statement to provide all of the material information relating to Viridian
and the acquisition
that is required by Item 14(b)(7) of Schedule 14A, including the
information required by
Items 1005(b) and 1011(a)(1) of Regulation M-A.

We remind you that the company and its management are responsible for
the accuracy
and adequacy of their disclosures, notwithstanding any review, comments, action
or absence of
action by the staff.

You may contact Tim Buchmiller at (202) 551-3635 or Joe McCann at (202)
551-6262 if
you have questions.

FirstName LastNameLee Rauch
Corporation Finance
Comapany NameMiragen Therapeutics, Inc.

Sincerely,
Division of
Office of Life

Sciences
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cc: Ryan Murr, Esq.
FirstName LastName