December 27, 2023 Songlin Song Chief Executive Officer Zhengye Biotechnology Holding Limited No.1 Lianmeng Road, Jilin Economic & Technical Development Zone Jilin City, Jilin Province, China Re: Zhengye Biotechnology Holding Limited Amendment No. 3 to Draft Registration Statement on Form F-1 Submitted December 14, 2023 CIK No. 0001975641 Dear Songlin Song: We have reviewed your amended draft registration statement and have the following comments. Please respond to this letter by providing the requested information and either submitting an amended draft registration statement or publicly filing your registration statement on EDGAR. If you do not believe a comment applies to your facts and circumstances or do not believe an amendment is appropriate, please tell us why in your response. After reviewing the information you provide in response to this letter and your amended draft registration statement or filed registration statement, we may have additional comments. Amendment No. 3 to Draft Registration Statement on Form F-1 Cover Page 1. You state you "have filed with the CSRC the filing documents" and that "except for the Supplementary Material Request issued by the CSRC regarding your planned overseas listing on September 26, 2023" you and the operating entity have not received any inquiry regarding your planned overseas listing from the CSRC or any other PRC governmental authorities. Please update your disclosure to clarify whether you have provided the Supplementary Material Request or otherwise advise. Songlin Song FirstName LastNameSonglin Song Zhengye Biotechnology Holding Limited Comapany27, December NameZhengye Biotechnology Holding Limited 2023 December Page 2 27, 2023 Page 2 FirstName LastName Management's Discussion and Analysis of Financial Condition and Results of Operations Results of Operations Operating expenses, page 65, page 65 We acknowledge the information provided in your response to comment 2. 2. Please expand your discussion of operating expenses to describe and quantify the major costs within each expense caption and key factors causing changes in these expenses for each period presented. In particular for research and development expenses, quantify total spending

for each research and development project in your collaboration with

the Government of Jilin Province PRC, as discussed on pages 98-103. Industrv Analysis of Domestic Top Players' Pet Vaccine Portfolio, page 80 3. We note your response to prior comment 3 and reissue in part. Please revise your disclosure to include a clear description of the trial structure for project Feline Rhinotracheitis, Feline Rhino conjunctivitis and Feline Panleukopenia Triple Inactivated Vaccine. R&D, page 94 4. We note your response to our prior comment 5. We also note that the memorandum was signed on April 3, 2018. Please clarify if the termination provisions remained the same and if the duration of the agreement was extended. If so, please include the updated duration or otherwise advise. Notes to Unaudited Condensed Consolidated Financial Statements 2. Summary of Significant accounting Policies Research and development expenses, page F-36 5. We acknowledge the information in your response to prior comment 7. Please expand your disclosure to describe and quantify terms governing your funding commitments to these third parties, including the estimated commitment amount and duration of the funding period, as well as terms governing your access to intellectual property developed under these collaborations. Also, explain the basis for your assertion that "no research project agreement should be accounted in accordance with ASC 730-20," including how these collaborations differ from arrangements described in ASC 730-20-05. Refer us to the technical guidance upon which your relied and revise your disclosure accordingly. Please contact Franklin Wyman at 202-551-3660 or Daniel Gordon at 202-551-3486 if you have questions regarding comments on the financial statements and related matters. Please contact Doris Stacey Gama at 202-551-3188 or Jason Drory at 202-551-8342 with any other questions. Songlin Song Zhengye Biotechnology Holding Limited December 27, 2023 Page 3 Sincerely, FirstName LastNameSonglin Song Division of Corporation Finance Comapany NameZhengye Biotechnology Holding Limited Office of Life Sciences

December 27, 2023 Page 3 cc: Ying Li, Esq. FirstName LastName