October 13, 2023 Saqib Islam Chief Executive Officer SpringWorks Therapeutics, Inc. 100 Washington Blvd Stamford, CT 06902 Re: SpringWorks Therapeutics, Inc. Form 10-K for the Fiscal Year Ended December 31, 2022 Filed February 28, 2023 File No. 001-39044 Dear Saqib Islam: We have limited our review of your filing to the financial statements and related disclosures and have the following comments. Please respond to this letter 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 a comment applies to your facts and circumstances, please tell us why in your response. After reviewing your response to this letter, we may have additional comments. Notes to the Consolidated Financial Statements Management's Discussion and Analysis Results of Operations Research and development expenses, page 107 You disclose on page 7 1. that you have multiple product candidates with different indications and on page 105 you state that you track external research and development expenses on a program-by-program basis. Please provide us, and confirm you will disclosure in future filings, a table which disaggregates external research and development expense by program. Include other line items in the table, as necessary, including any amounts that are not allocated, with the total reconciling to the amount on the Income Statement. 10. License and Collaboration Agreements, page 135 2. For your EGFR and TEAD license agreements, please provide us proposed disclosure which will be disclosed in future filings regarding the specific terms of Saqib Islam SpringWorks Therapeutics, Inc. October 13, 2023 Page 2 each agreement, including, as applicable, the amount of the upfront payment, milestone payments disaggregated into the nature of each milestone, and the royalty rate or range that does not exceed a ten point range. In closing, 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. Please contact Mary Mast at 202-551-3613 or Daniel Gordon at 202-551-3486 with any

questions.

FirstName LastNameSaqib Islam Comapany NameSpringWorks Therapeutics, Inc.

Corporation Finance October 13, 2023 Page 2 Sciences FirstName LastName Sincerely,

Division of

Office of Life