

UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

September 15, 2023

Yili Kevin Xie Chief Executive Officer Gracell Biotechnologies Inc. Building 12, Block B, Phase II Biobay Industrial Park 218 Sangtian St. Suzhou Industrial Park, 215123 People's Republic of China

Re: Gracell Biotechnologies Inc.

Form 20-F for the Fiscal Year Ended December 31, 2022

File No. 001-39838

Dear Yili Kevin Xie:

We have completed our review of your filing. 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.

Sincerely,

Division of Corporation Finance Disclosure Review Program

cc: Will Cai