June 3, 2020

Ren e Aguiar-Lucander Chief Executive Officer Calliditas Therapeutics AB Kungsbron 1, C8 SE-111 22 Stockholm, Sweden

Re: Calliditas

Registration Statement on Form F-1

Therapeutics AB

Amendment No. 1 to Filed June 1, 2020 File No. 333-238244

Dear Ms. Aguiar-Lucander:

We have reviewed your amended registration statement 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 this letter by amending your registration statement and providing the requested information. If you do not believe our comments apply to your facts and circumstances or do not believe an amendment is appropriate, please tell us why in your response. After reviewing any amendment to your registration statement and the information you provide in response to these comments, we may have additional comments. Amendment No. 1 to Registration Statement on Form F-1 Exhibit 5.1, page II-2 1. The legality opinion that you file to satisfy your obligations under Regulation S-K Item 601(b)(5) should not assume conclusions of law that are necessary for the ultimate opinion. Please revise assumptions (g), (i), (j) and (k) of the legality opinion or tell us why those assumptions are appropriate. Ren e Aguiar-Lucander FirstNameTherapeutics AB Aguiar-Lucander Calliditas LastNameRen e Comapany NameCalliditas Therapeutics AB June 3, 2020 Page 2 June 3, 2020 Page 2 FirstName LastName You may contact Sasha Parikh at 202-551-3627 or Lynn Dicker at 202-551-3616 if you have questions regarding comments on the financial statements and related matters. Please contact Tim Buchmiller at 202-551-3635 or Suzanne Hayes at 202-551-3675 with any other

questions.

Finance

Sincerely,

Division of Corporation Office of Life Sciences

cc: Michael Rosenberg, Esq.