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Information about the contributions of each person named as having participated in the study

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2) Authors who participated in the **conception of the study:** Yang-Sung Sohn, William Breuer, Z. Ioav Cabantchik, Hussam Ghoti, Eliezer Rachmilewitz, Guenter Weiss

3) **Design & Methods**. The following authors were responsible for specific investigations (please detail):

• Yang-Sung Sohn, W. Breuer, G. Weiss and Z.I. Cabantchik were responsible for all the experimental design and methodologies of the study

• Hussam Ghoti, Samar Attar and E Rachmilewitz were responsible for the clinical design

4) **Results**. The following authors were responsible for specific portions of the results, including figures and tables (please indicate the person responsible for each figure and each table):

• Yang-Sung Sohn and W. Breuer were responsible for all the experimental data shown

• G. Weiss and Z.I. Cabantchik were responsible for analytical aspects

5) Writing the manuscript. The following authors were responsible for writing the manuscript: • Yang-Sung Sohn, W. Breuer, G. Weiss and Z.I. Cabantchik were responsible for the writing of all the experimental aspects of the study.

• Hussam Ghoti, Samar Attar and E Rachmilewitz were responsible for the writing of all the clinical aspects of the study

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