Dear Dr. Dsouza,

We appreciate the opportunity to resubmit our manuscript entitled: “Analysis of the gap junction-dependent transfer of miRNA by 3D-FRAP microscopy”. We have performed significant changes in the manuscript and carried out additional experiments to entirely satisfy the editors and reviewers constructive and helpful suggestions. All of the editors and reviewers comments were addressed with corresponding changes directly in the manuscript.

Due to the increased amount of data, new subfigures were included (Figure 1B and 3C, D) and an additional figure has been created (Figure 2).

I am very grateful for your attention and looking forward to your favorable decision.

Sincerely

Heiko Lemcke and Robert David