



THE UNIVERSITY
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at CHAPEL HILL

DEPARTMENT OF CELL BIOLOGY AND PHYSIOLOGY
MEDICAL BIOMOLECULAR RESEARCH BUILDING
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Dear Editorial Review Board,

We are pleased to submit our manuscript entitled " Microinjection-based system for *in vivo* implantation of embryonic cardiomyocytes in the avian embryo" for your consideration. The manuscript outlines a technique that our research group has optimized for *in vivo* cellular implantation into the embryonic heart. Our protocol overcomes many of the physical limitations inherent in attempting to "graft" cells onto the moving embryonic heart via classical experimental embryology techniques and allows for precision deliver of donor cells into multiple locations within the cardiac muscle and surrounding tissue.

I had spoken with Nandita Sing regarding this submission earlier this summer. In consultation with Nandita, we had determined that the protocol described in this manuscript would be of high interest to the field, particularly if presented in a video format.

If there is any further information that I can provide, please do not hesitate to contact me. We look forward to hearing your response.

Sincerely

A handwritten signature in black ink, appearing to read "Michael Bressan", followed by a horizontal line.

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