



Dear Indrani,

We have been contacted to submit a protocol we have developed regarding neonatal liver surgeries published in our recent study in the Proceedings of the National Academy of Sciences entitled "Localized hepatic lobular regeneration by central-vein-associated lineage-restricted progenitors." We thank you for invitation to submit a full protocol and have included it in this submission. Briefly, we have previously identified that morphologic liver lobe regeneration is able to occur through localized clonal proliferation of hepatocyte stem or progenitors (instead of global hepatocyte hypertrophy) during a transient neonatal period. We developed and optimized a protocol in neonatal mice, that has also been adapted for juvenile mice, that involves resection of a small portion of the left lobe that allow for the elucidation of the underlying mechanisms of morphologic regeneration. We believe that our protocol will be widely used for studies in regeneration and stem cell biology. We hope you find our manuscript favorable and look forwarding to hearing from you.

Sincerely,

Yuval Rinkevich

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Head, Research Group

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