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Richard Sifers, Ph.D.
Research Director
The Moran Foundation
Department of Pathology
Baylor College of Medicine
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Dear Dr. Sifers:

Please find below the progress report for the research project entitled "Fas Mediated Tubular and Interstitial Cell Apoptosis in Chronic Obstructive Uropathy" funded by The Moran Foundation.

Progress report

All originally proposed experiments were completed (*control rats with urinary obstruction created by unilateral ligation, rats with chronic urinary obstruction treated by Fas antisense and Fas sense, TUNEL for apoptosis, morphologic analysis, RNA extraction, ribonuclease protection assay for apoptotic molecules including Fas*)

The ribonuclease protection assay showed that there is no significant alteration of Fas expression. However, there is almost obliteration of the mRNA for Fas ligand. This is an unexpected result since Fas antisense treatment is expected to eliminate Fas messenger RNA. We do not know what to do with this provocative result. We are trying to repeat the ribonuclease protection assay to confirm this result and will proceed from there.

Presentations and publications

There is no presentation or publication related to this project.

The project is almost completed but is still active

There is a need to repeat the ribonuclease protection assay to see whether or not the unusual result mentioned above is valid and worth reporting.

We appreciate the help of The Moran Foundation under your leadership to support this research project.

Sincerely yours,

Luan Truong, M.D.