

Department of Neurological Sciences

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Dear Mr. Keane,

It is my pleasure to update you on our progress made toward our research targeting individuals living with medication-resistant epilepsy. Over the last seven years, thanks in large part to the generosity of the Mary Keane Research Fund, in Mary's name, we are positioned to continue developing new technology in two labs for stabilizing fragile epileptic networks in the brain. As you know, the technology is called minimally-invasive injectable nano-transponders. We have been granted three patents since 2014 (U.S. Patent 8,788,033, 9,302,114, and 9,802,050). I recently relocated from RUSH University Medical Center to Summa Health in Ohio. However, I have remained as adjunct research faculty at RUSH to actively collaborate on this research and my lab continues to develop this technology. In fact, we just presented research in December 2021 at the Annual American Epilepsy Society meeting in Chicago where the Mary Keane Fund was acknowledged. Thanks to the Mary Keane Fund, we have been able to purchase necessary supplies and equipment to bring this research to life.

I hope to continue a collaborative effort between two excellent institutions across state lines. Hopefully, we will grow this focused philanthropy sparked in large part by the Mary Keane Research Fund. I want to emphasize that the Mary Keane donation will continue to fund the focused efforts of the lab at RUSH for laboratory supplies, essential equipment, and student support. I remain interested in furthering the development of our nanotechnology with the goal of treating those challenged with medication-resistant epilepsy.

Sincerely,

A handwritten signature in black ink, appearing to read 'Marvin A. Rossi'.

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