

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

BRECKENRIDGE PHARMACEUTICAL, INC.

Petitioner

v.

NOVARTIS PHARMACEUTICALS CORPORATION

Patent Owner

Case IPR2017-01592

U.S. Patent No. 8,410,131

DECLARATION OF FU L. LUAN, M.D.

I, Fu L. Luan, declare as follows:

1. I am a transplant nephrologist affiliated with the Saint Barnabas Medical Center located at 94 Old Short Hills Road, Livingston, NJ 07039.

2. I am being compensated for my time connected with this matter at my hourly rate of \$174.00/hr.

3. I am the first-named author of Abstract# 428 entitled "Sirolimus Prevents Tumor Progression: mTOR Targeting For The Inhibition Of Neoplastic Progression" (the "Luan Abstract") the results of which were presented at a joint meeting of the American Society of Transplantation and the American Society of Transplant Surgeons ("Transplant 2001") held in Chicago, Illinois on May 11-16, 2001.

4. I received a Young Investigators Award based on the results presented in the Luan Abstract.

5. I understand that the Luan Abstract is found at page 001 of Ex. 1005 filed in the above-styled *Inter Partes* Review (IPR2017-01592).

6. The Luan Abstract was included in a "Program Book" containing all abstracts to be presented during Transplant 2001. The Program Book was entitled "Transplant 2001: The Joint American Transplant Meeting," and it was provided to attendees of Transplant 2001.

7. The Luan Abstract was publicly available as a printed publication at the time of the Transplant 2001 meeting in May of 2001.

I declare under penalty of perjury under the laws of the United States of America that the foregoing is true and correct.

Dated: January 19, 2018


Fu L. Luan, M.D.