



TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER
Senate Resolution 22.22

(Stating the sentiments of the Student Senate congratulating Nadia German, Ph.D., Constantinos Mikelis, Ph.D., and their team for their discovery and patent for a chemical probe)

WHEREAS, many neural diseases, disorders, and traumas can cause inflammation of the brain that can cause further brain degradation and lower available dopamine levels, and

WHEREAS, lower levels of dopamine can cause inflammation, creating a worsening cycle of neurotransmitter depletion and CNS inflammation, and

WHEREAS, Dr. German, Dr. Mikelis, and their team are the first to illustrate how multiple sclerosis can be treated by targeting dopamine transporters, and

WHEREAS, Dr. German and Dr. Mikelis were able to secure a patent on a chemical probe that showed high selectivity to dopamine transporters in the brain, and

WHEREAS, this patent has allowed further continuation of research with pharmaceutical companies to develop a medicine that utilizes this probe, and

WHEREAS, diseases such as multiple sclerosis, Alzheimer's disease, Parkinson's disease, along with others can potentially be treated by this probe in the future.

THEREFORE BE IT RESOLVED, that the Student Senate of Texas Tech University Health Sciences Center congratulates Dr. Nadia German, Dr. Constantinos, and their team on successfully obtaining a patent on product of their research.

BE IT FURTHER RESOLVED, that this resolution be spread upon the Journal and that copies be sent to **Lori Rice-Spearman, Ph.D.**, President of Texas Tech University Health Sciences Center; **Brandt Schneider**, Dean, Graduate School of Biomedical Sciences; **Nadia German, Ph.D.**, Director of the Medicinal Chemistry program at the TTUHSC Jerry H. Hodge School of Pharmacy; **Constantinos Mikelis, Ph.D.**, adjunct associate professor in the TTUHSC Department of Pharmaceutical Sciences; **Thomas Thekkumkara, Ph.D.**, Amarillo School of Pharmacy Regional Dean; **MATEO ROSILES**, Editor of *The Daily Toreador*, and to the students of Texas Tech University Health Sciences Center.

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CC: Journal

Read First Time: April 1, 2022
Read Second Time: April 5, 2022

TEXAS TECH UNIVERSITY HEALTH
SCIENCES CENTER
Passed the Senate, 5 April 2022

A handwritten signature in black ink, appearing to read "Bernardo Gonzalez", written over a horizontal line.

Bernardo Gonzalez
President, Student Senate