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MSEC SEMINAR AND COMMERCIALIZATION FORUM



INVITED SPEAKER:

DR. TUGBA YILDIZ
FORMULATIONS SCIENTIST
SENDA BIOSCIENCES, INC.



“ACADEMIA OR INDUSTRY: A PERSONAL VIEW ON BOTH
WORLDS”

October 15th, 2021
1:30 – 2:30 PM (CST)

Biography:

Dr. Tugba Yildiz is a scientist with extensive experience on the formulation and development of nanomedicines for treatment of diseases. Dr. Yildiz received her B.S. and M.S. degrees in Chemistry from Ankara University in Turkey, followed by a Ph.D. degree in Materials Science, Engineering, and Commercialization Program at Texas State University. Her Ph.D. research focused on the development of polymeric nanoparticles for the detection, monitoring, and treatment of breast cancer. During her Ph.D., Dr. Yildiz worked as an intern at NanoHybrids Inc., where she developed and optimized lyophilization protocols for company’s gold nanoparticles.

FOR MORE INFORMATION OR IF YOU WOULD LIKE TO MEET THE SPEAKER ONE-ON-ONE,
PLEASE CONTACT DR. SHANNON WEIGUM AT SWEIGUM@TXSTATE.EDU

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Dr. Yildiz held post-doctoral fellow positions in Chemical Engineering and Materials Science at University of Minnesota, and Institute for Nanobiotechnology at Johns Hopkins University. Following her fellowship, she continued to work as a Research and Teaching Laboratory Coordinator at Johns Hopkins University. Dr. Yildiz worked as a Formulation Scientist at the startup company, Kalocyte Inc., where she conducted formulation and analytical studies for the development of liposome based artificial red blood cell substitute. Dr. Yildiz is currently a Formulations Scientist at Senda Biosciences where she designs and optimizes novel lipid formulations for nucleic acid and protein delivery.

Dr. Yildiz's work has been documented in many peer-reviewed publications and professional presentations. Dr. Yildiz is the recipient of three research fellowships and three awards. She also serves as a peer reviewer for journals such as ACS, and as a judge for STEM fairs and conferences.

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