

Dr. Seagroves received her PhD degree in molecular and cell biology in 1998 from Baylor College of Medicine in Houston, TX. She received her MBA degree in marketing and food and drug regulatory affairs in 2003 at San Diego State University, while completing a postdoctoral fellowship at UCSD. She is a professor of Pathology and the Associate Vice Chancellor of Research-Core Laboratories at the University of Tennessee Health Science Center (UTHSC) in Memphis, TN. In addition to oversight of institutional core facilities, Dr. Seagroves maintains an active breast cancer research program. Her current research interests are understanding the biology of genes that regulate the hypoxic response to promote metastasis and characterizing the safety and efficacy of novel tubulin inhibitors that bypass taxane-resistance, using pre-clinical models of metastatic breast cancer, including patient-derived xenograft models. Dr. Seagroves has a passion for training the next generation of scientists. She previously served as the track director of cancer biology for the joint graduate program between UTHSC and St. Jude Children's Research Hospital, she founded and served as the first faculty advisor for the UTHSC postdoctoral association, and she has served as a reviewer for the NCI-I (K99/R00) panel and individual F fellowships for the NCI. She is the current President of SEASR and has served on the SEASR Executive Board since 2018.