

# DISTINGUISHED LECTURE SERIES IN EXPERIMENTAL THERAPEUTICS

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## “Targeting the IRE1/XBP1 Pathway of the Unfolded Protein Response for Cancer Therapy”

Wednesday, October 9, 2019

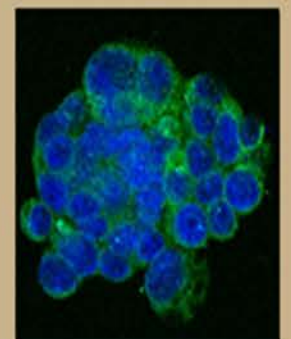
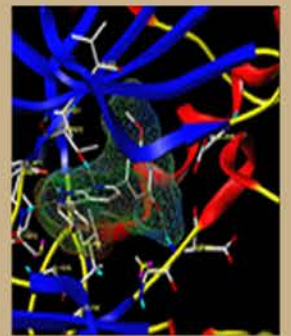
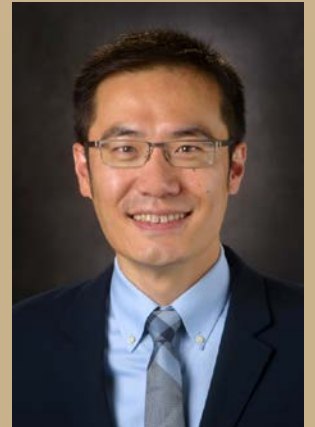
9:00 a.m. – 10:30 a.m.

South Campus Research Building 4  
(4SCR1.1110)

### Synopsis:

The IRE1/XBP1 pathway of the unfolded protein response (UPR) is activated in multiple types of human cancer to support tumor cell growth and survival. Through a high-throughput chemical screen, we identified novel small molecule inhibitors of IRE1/XBP1 that suppress tumor growth both in vitro and in vivo. Our study suggests that targeting the UPR is a promising therapeutic strategy to improve cancer treatment.

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