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‘Mechanisms of Oral Cancer Promotion by Lysyl Oxidase-Like-2’

WEDNESDAY
Jan 18, 2017
12:30 PM
Location: H101

Abstract:
Lysyl oxidases are extracellular enzymes that are required for collagen and elastin biosynthesis. Studies over the last several years indicate that these proteins have additional important functions in biology. One of the five members of this family known as lysyl oxidase like-2 (LOXL2) has been identified as a negative prognostic indicator in oral cancer.

In this seminar, unpublished data will be presented which provides insights into the mechanisms by which LOXL2 promotes oral cancer. Experiments employed both novel in vivo mouse models and in vitro studies.