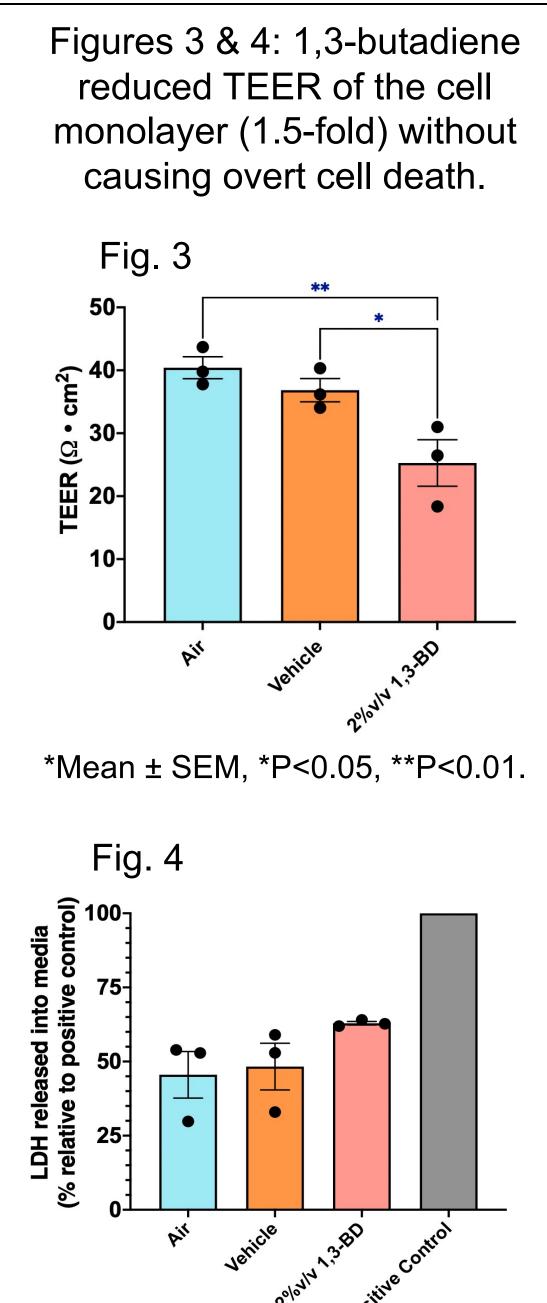


Acute Toxicity of 1,3-Butadiene Exposure at the Air-Liquid Interface of Human Bronchial Epithelial Cells

Breandon Taylor¹, Alexandra Noël², Daniel Conklin¹, and Sanjay Srivastava¹

¹University of Louisville Superfund Research Center and Envirome Institute, Louisville, KY & ²Louisiana State University Superfund Research Center, Baton Rouge, LA, U.S.A



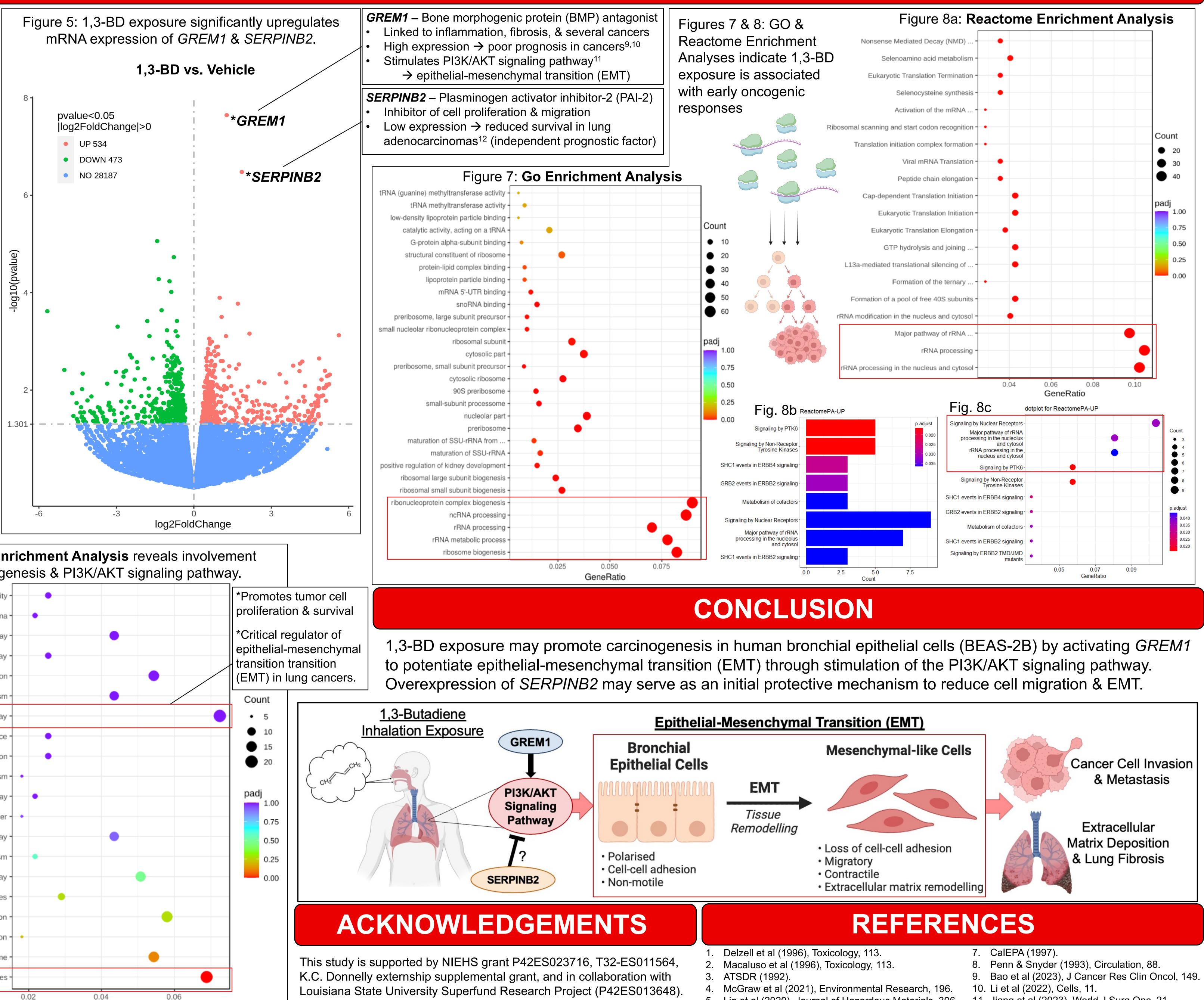


Figure 6: **KEGG Enrichment Analysis** reveals involvement of ribosome biogenesis & PI3K/AKT signaling pathway.

	-						-	
Natural killer cell mediated cytotoxicity				•				 _
Glioma			•	•				
cAMP signaling pathway						•		
TGF-beta signaling pathway				•				
Human T-cell leukemia virus 1 infection							•	
Purine metabolism						•		_
PI3	K-Akt signaling pathway	+						
EGFR tyrosine kinase inhibitor resistance				•				
ECM-receptor interaction				•				
Cholesterol metabolism			•					
PPAR signaling pathway			+	•				
Bladder cancer -			•					
cGMP-PKG signaling pathway						•		
Glutathione metabolism ·			-	•				
Calcium signaling pathway -								
Complement and coagulation cascades -					•			
Neuroactive ligand-receptor interaction -							•	
Staphylococcus aureus infection			•					
	Ribosome	+					•	
Ribosome biogenesis in eukaryotes -								 •
			-					

GeneRatio

RESULTS

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- 5. Lin et al (2020), Journal of Hazardous Materials, 396. 6. U.S. EPA (2009).
- 11. Jiang et al (2023), World J Surg Onc, 21.
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