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## Combination of Alcohol and Cigarette Smoke Induces Endoplasmic Reticulum Stress and Cell Death in Pancreatic Acinar Cells

**Short title:** Alcohol, smoking and pancreatic acinar cells

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**Abbreviations:** A, alcohol diet; AL, alcohol diet + LPS; ALS, alcohol diet + LPS + smoking; AS, alcohol diet + smoking; Acro, acrolein; AhR, Aryl hydrocarbon receptor; C, control diet; CHOP, C/EBP homologous protein; CSE, cigarette smoke extract; EtOH, ethanol; ER, endoplasmic reticulum; eIF2 $\alpha$ , eukaryotic translation initiation factor 2 $\alpha$ ; LPS, lipopolysaccharide; PERK, protein kinase RNA (PKR)-like ER kinase; XBP1s, spliced X-box-binding protein-1; XBP1u, unspliced X-box-binding protein-1; UPR, unfolded protein response.

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### Author contributions:

AL, AGe, H-YS, CH, RTW, AGo, ZX, data acquisition and analysis; SWF, electron microscopy; AL, AGe, RTW, MVA, JSW, SJP, study concept and design, analysis and interpretation of data, and manuscript writing.

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