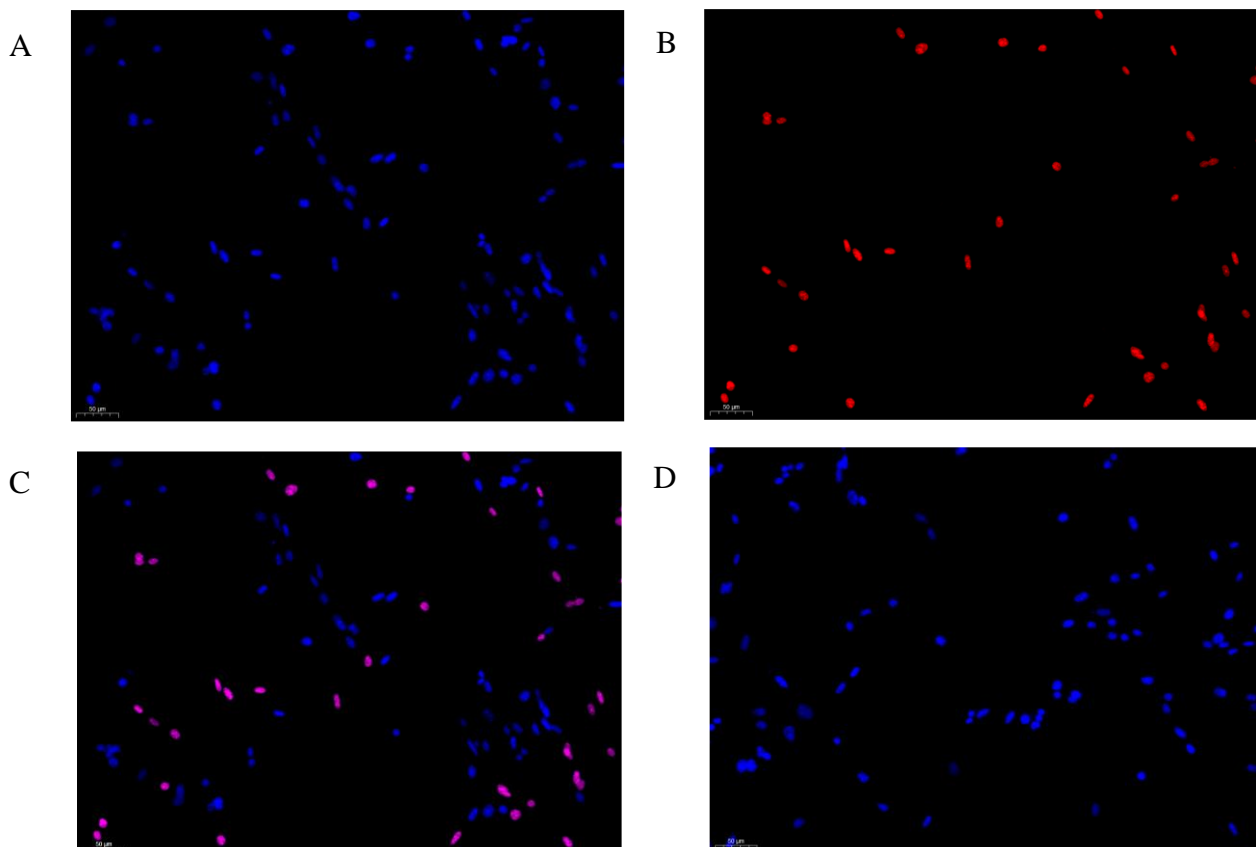
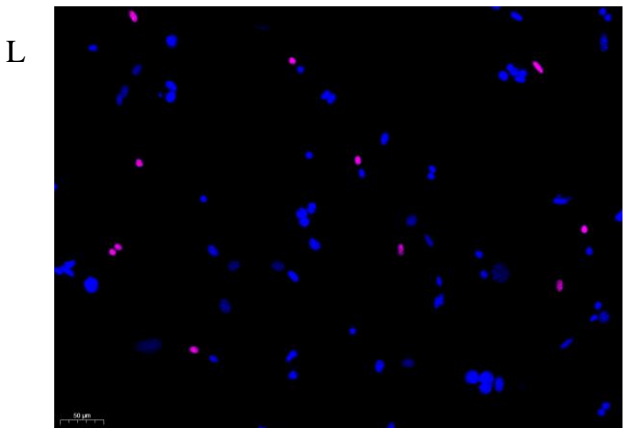
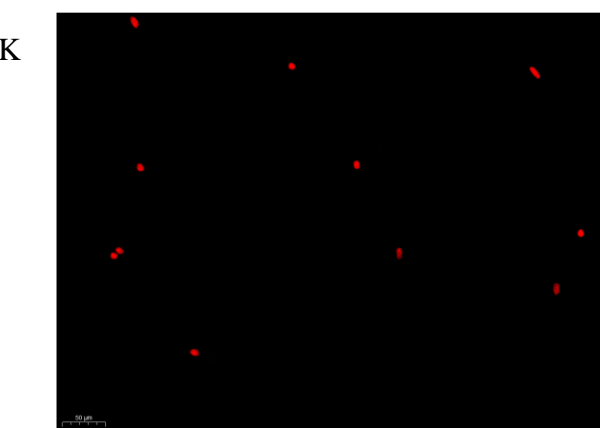
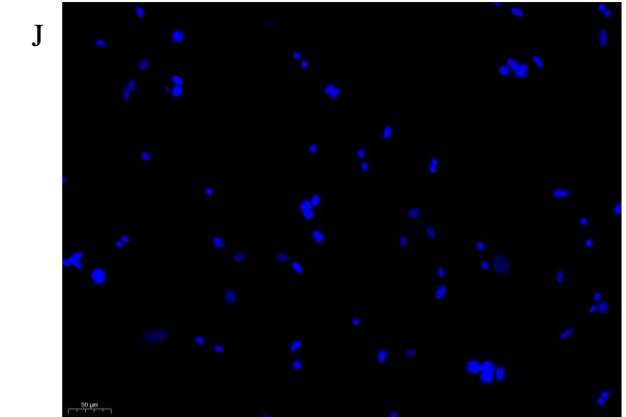
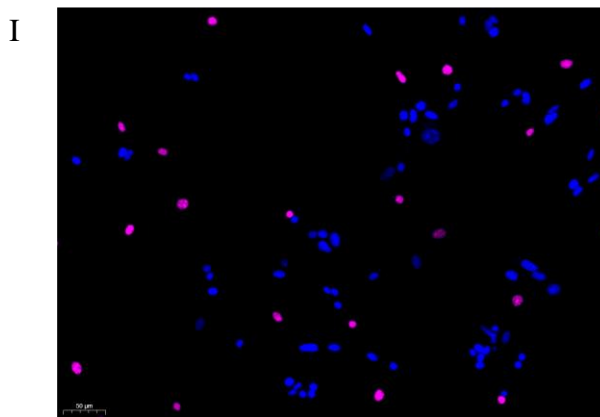
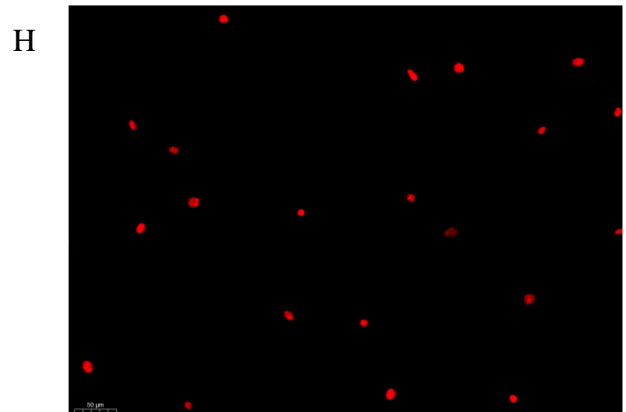
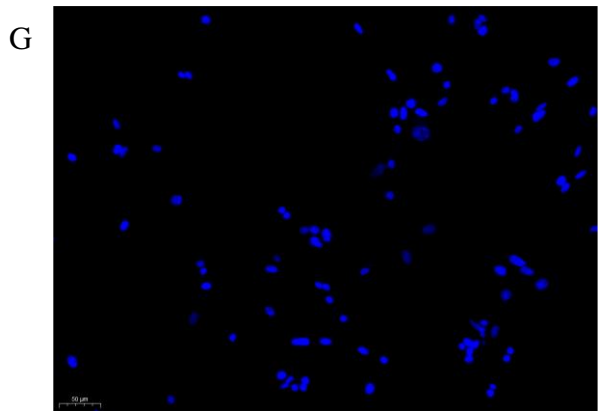
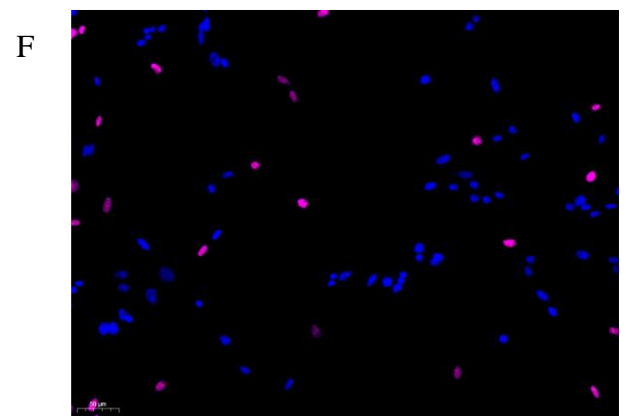
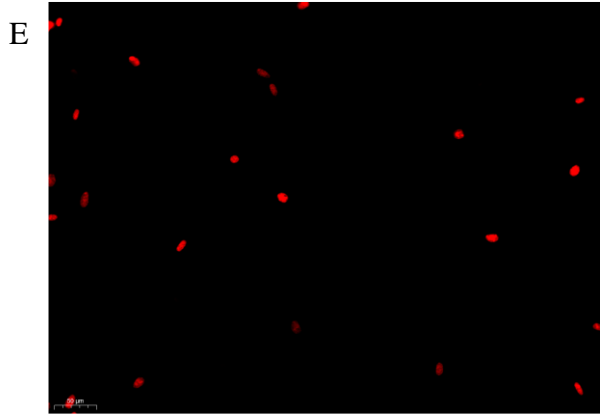
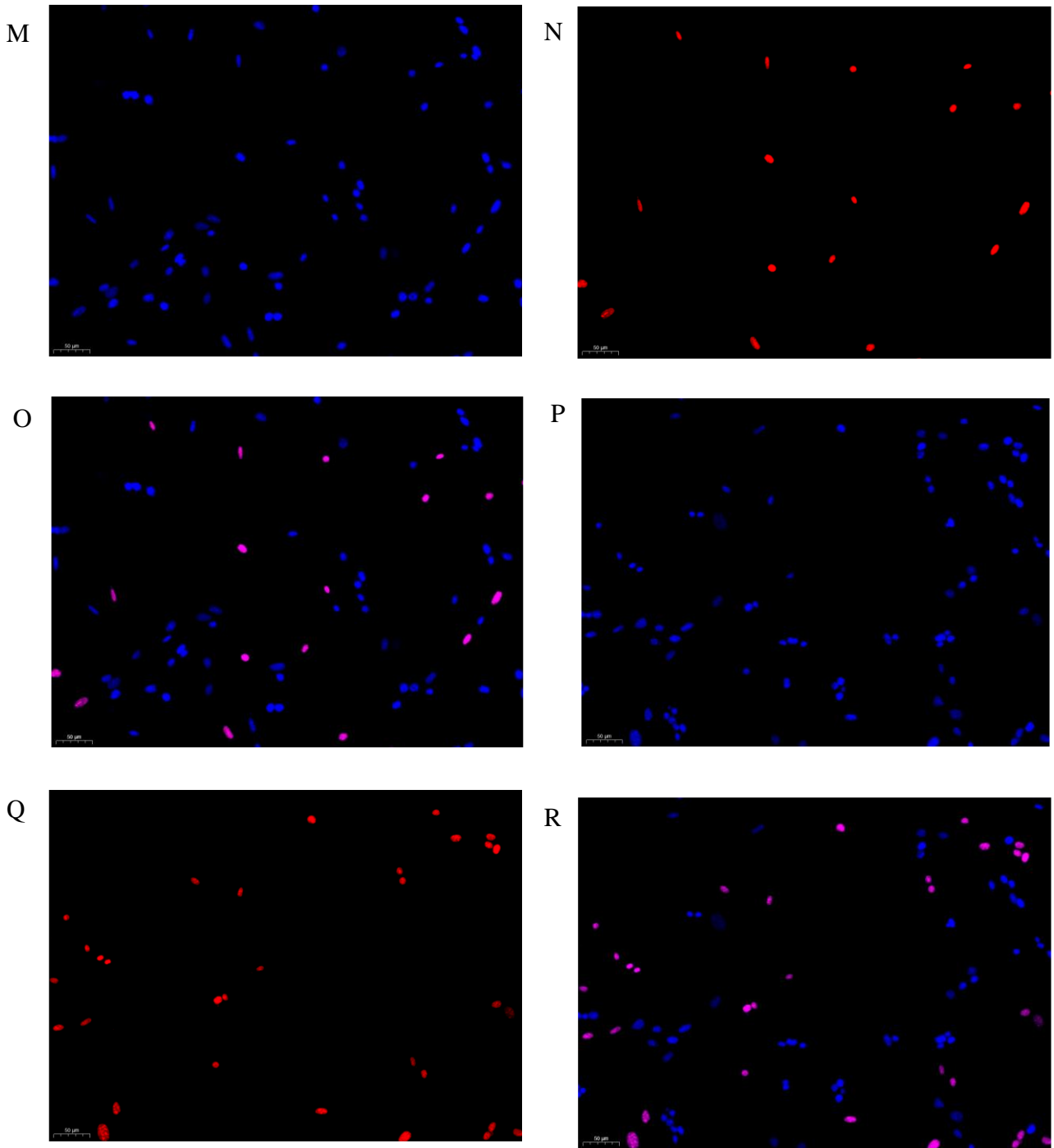


## SUPPLEMENTARY DATA

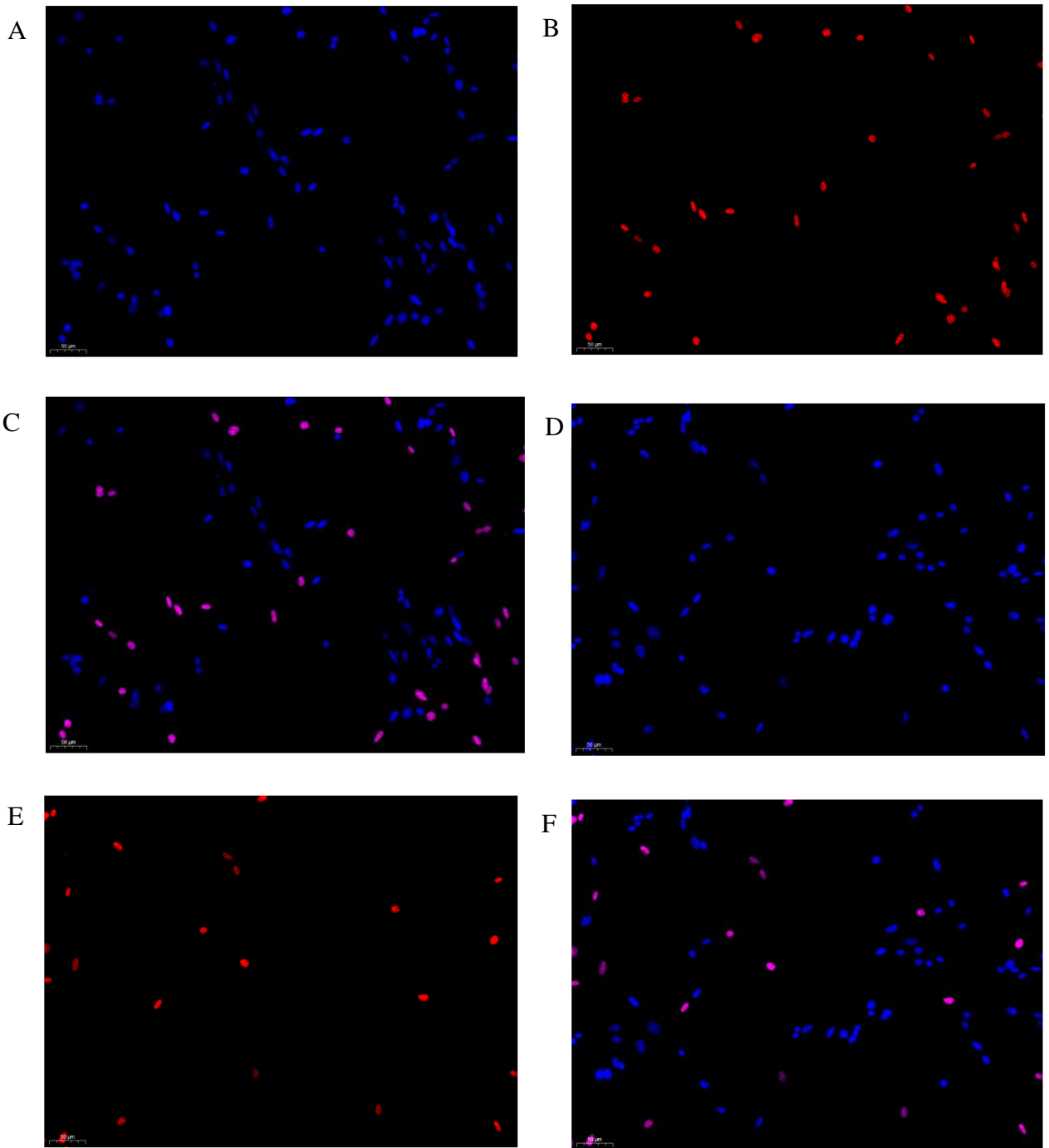
# Aberrant expression and regulatory role of histone deacetylase 9 in vascular endothelial cell injury in intracranial aneurysm

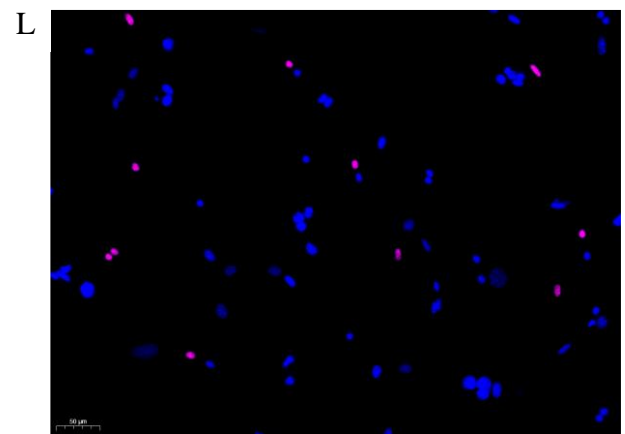
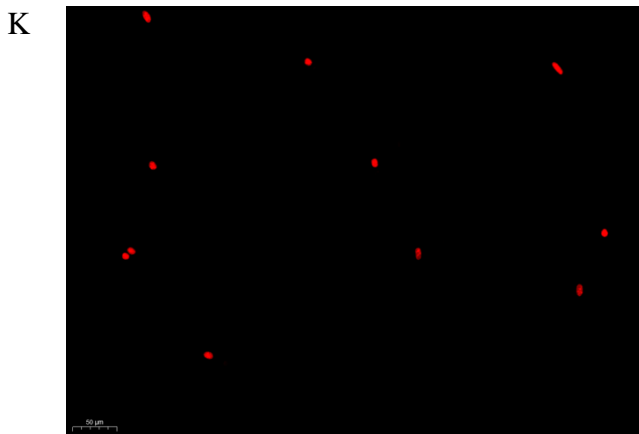
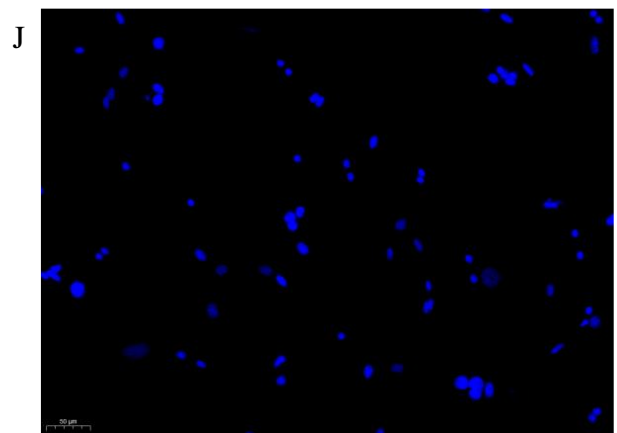
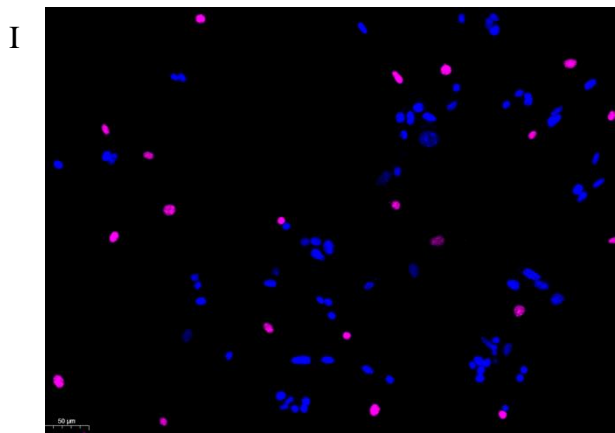
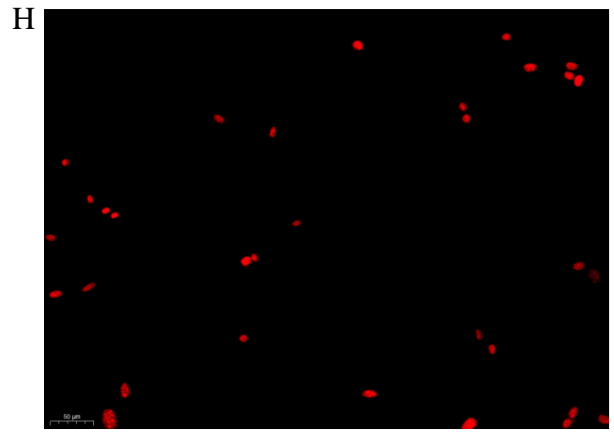
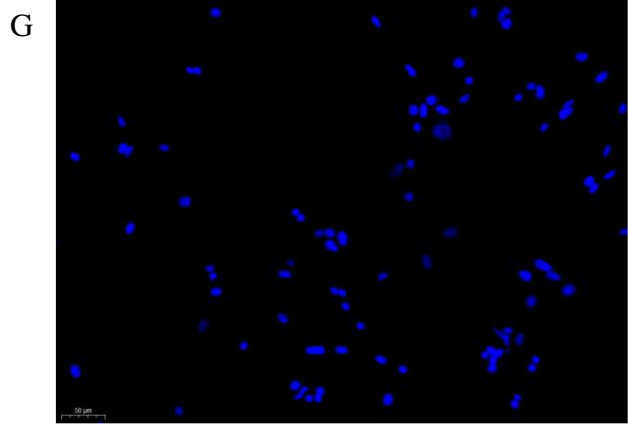


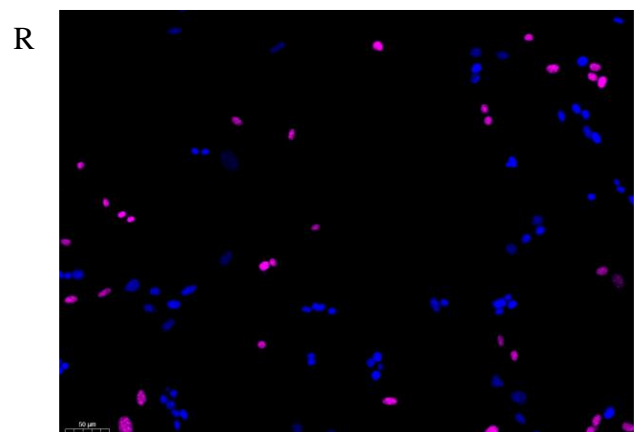
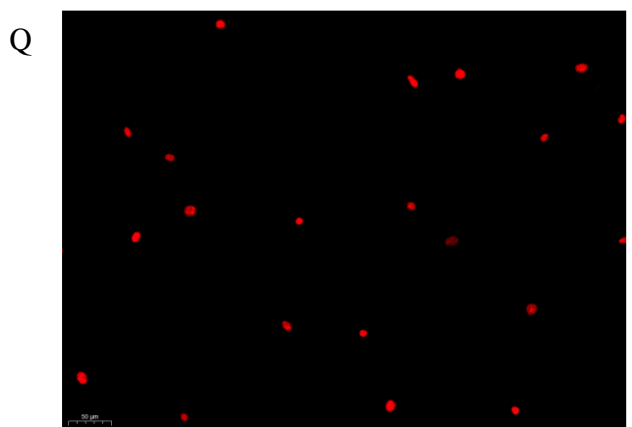
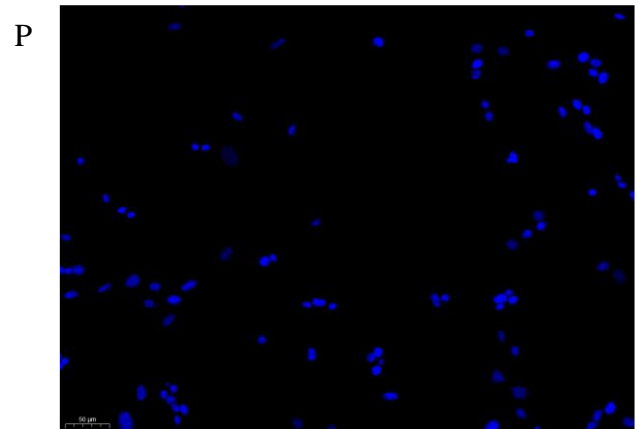
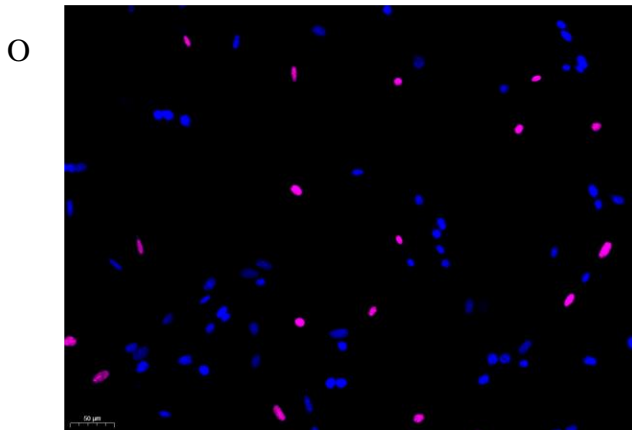
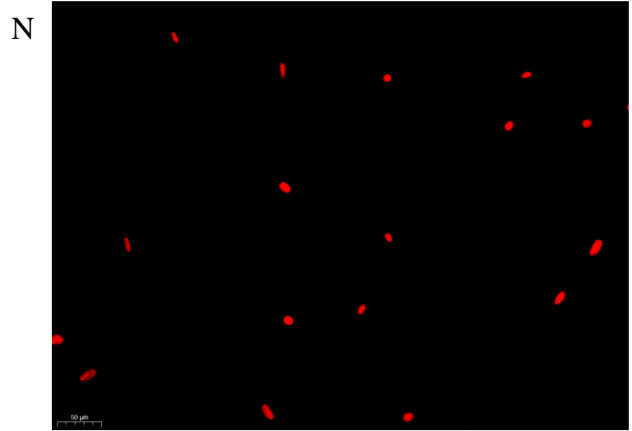
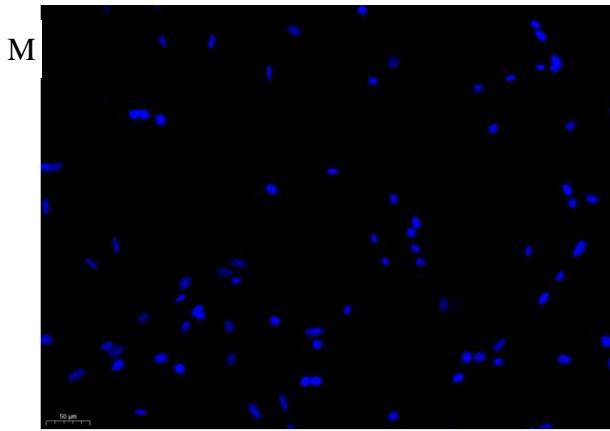




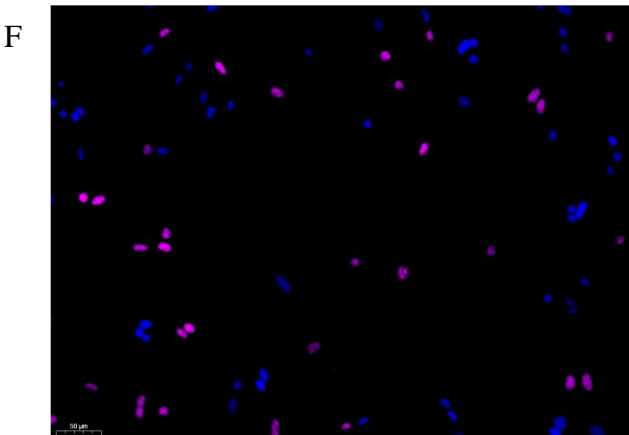
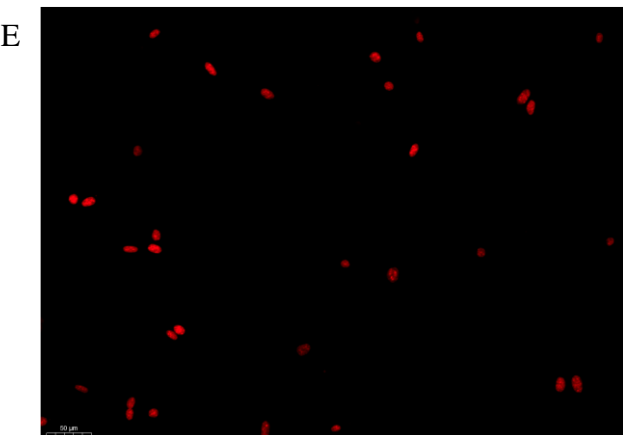
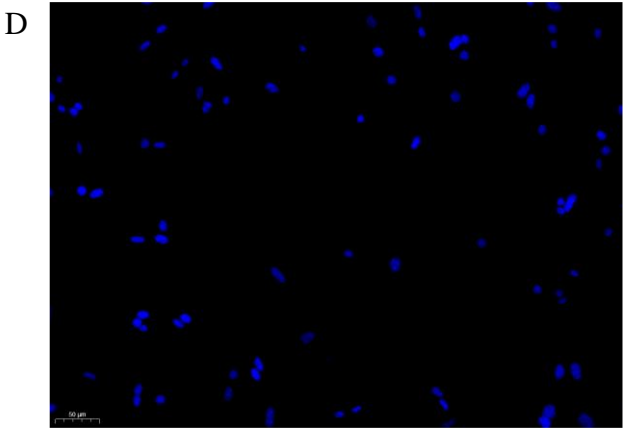
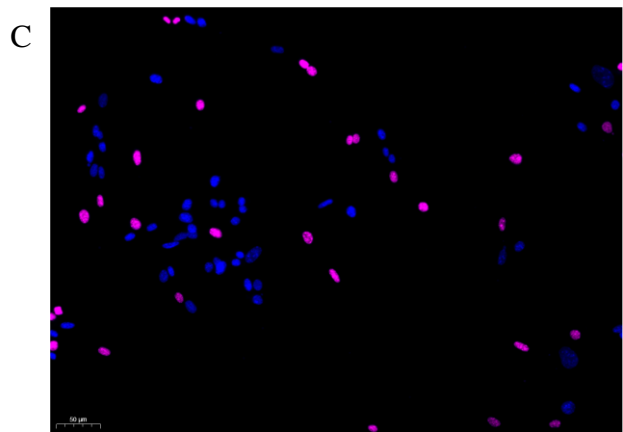
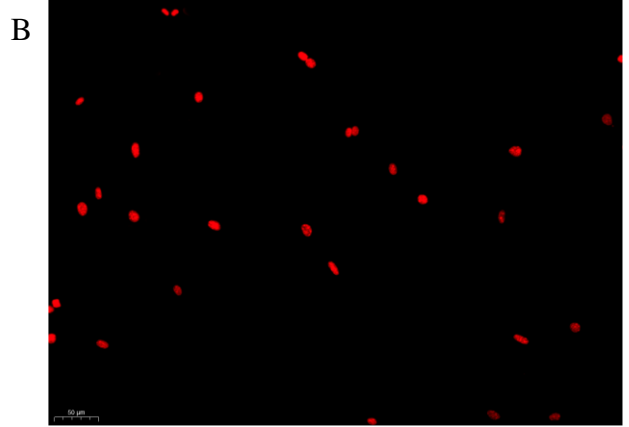
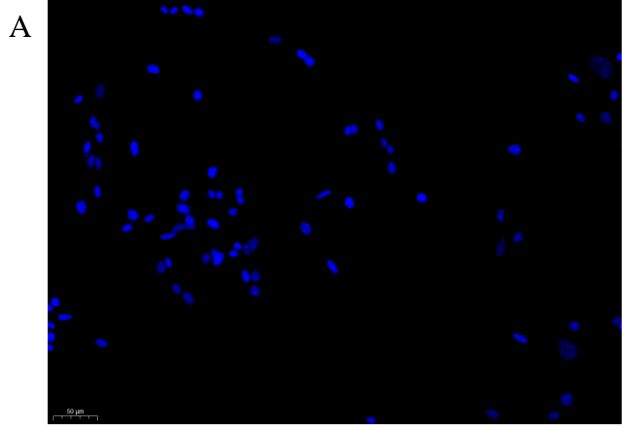
**Figure S1. HDAC9 downregulation inhibits the apoptosis and promotes the proliferation and migration of intracranial aneurysm vascular endothelial cells. Detailed image of cell proliferation assessed by EdU staining.**



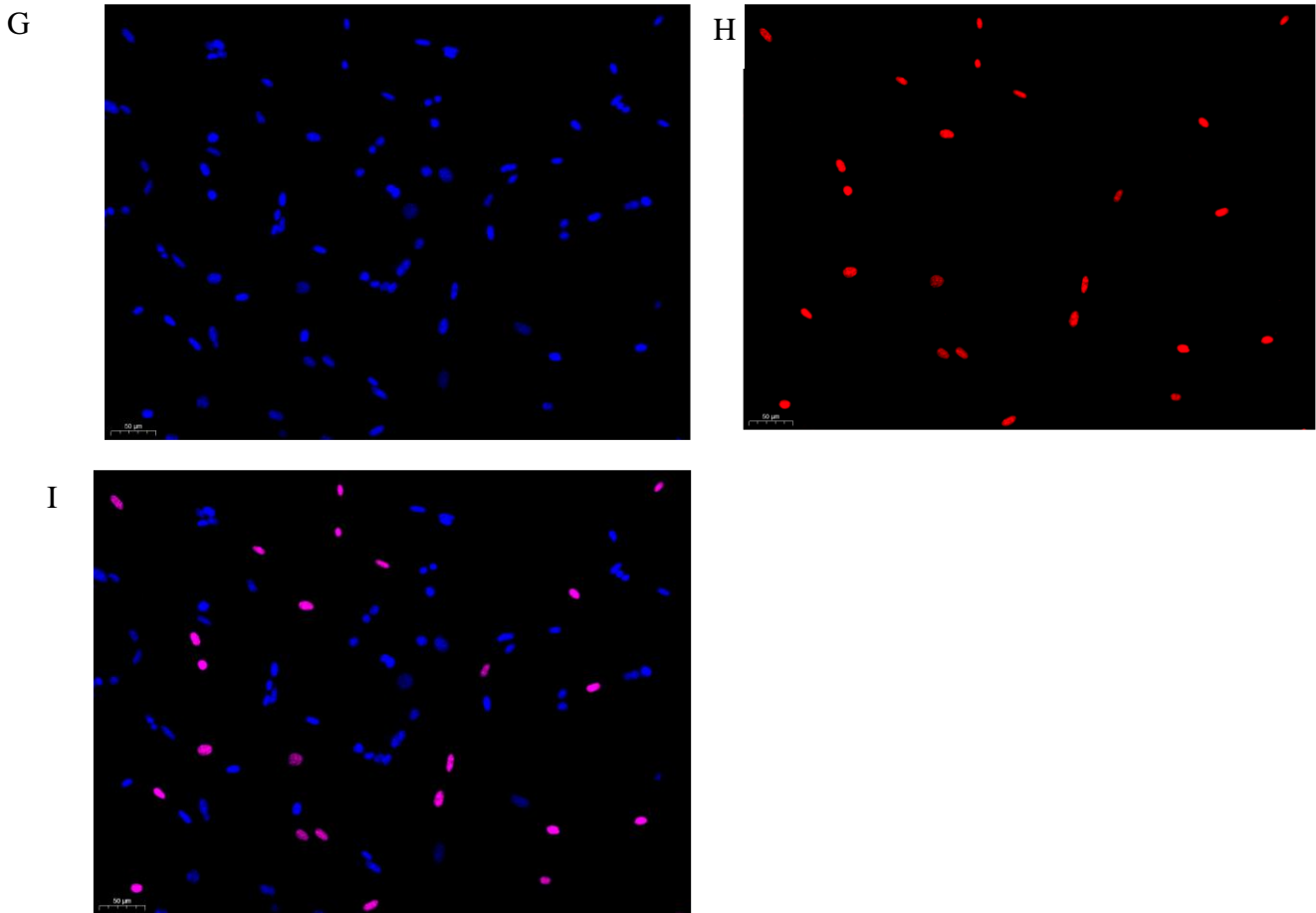




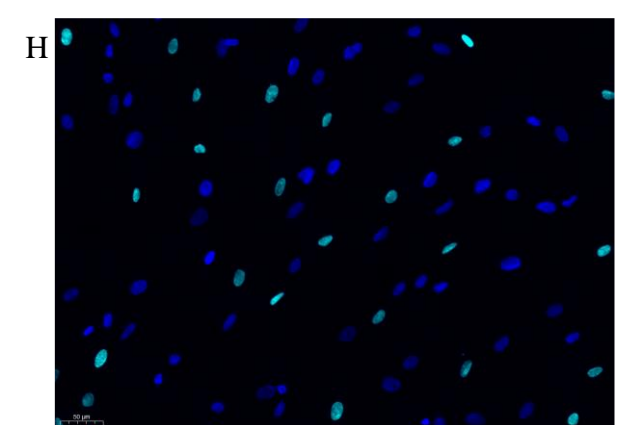
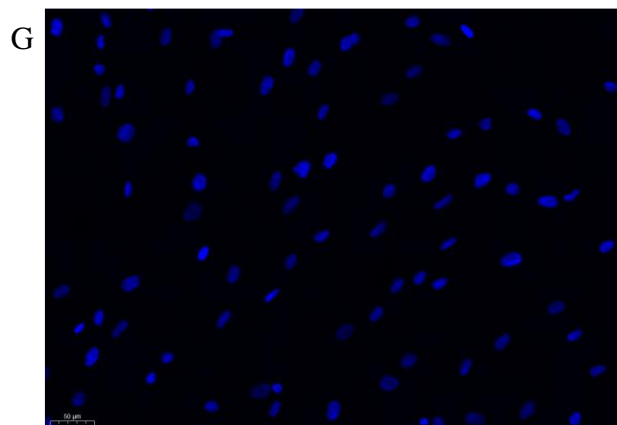
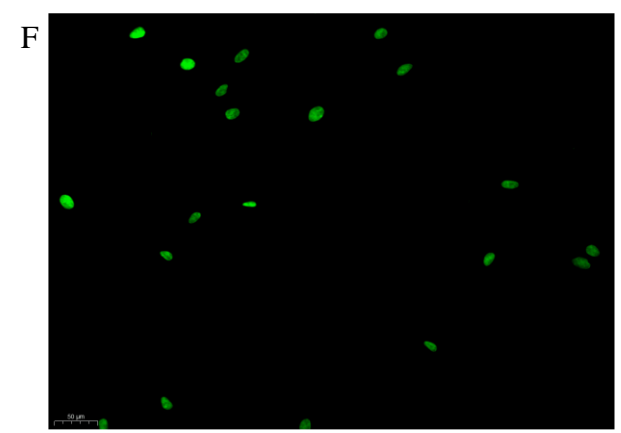
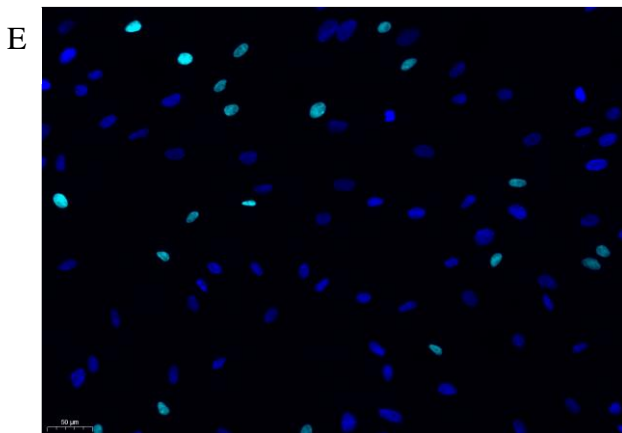
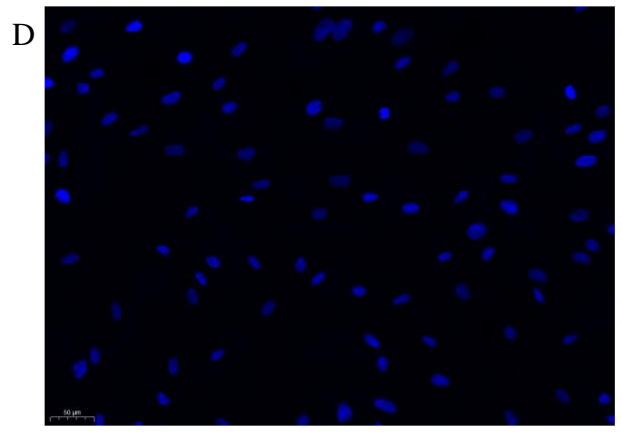
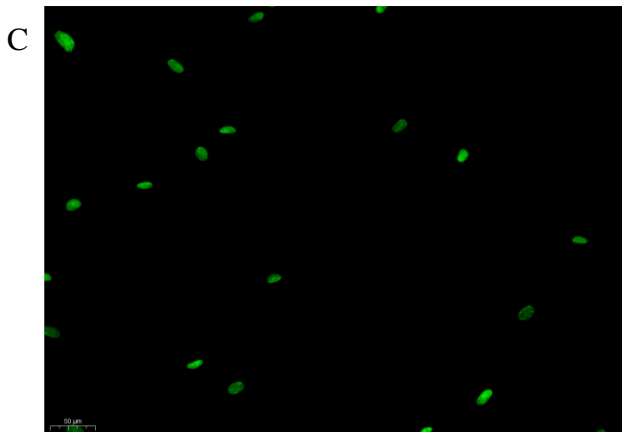
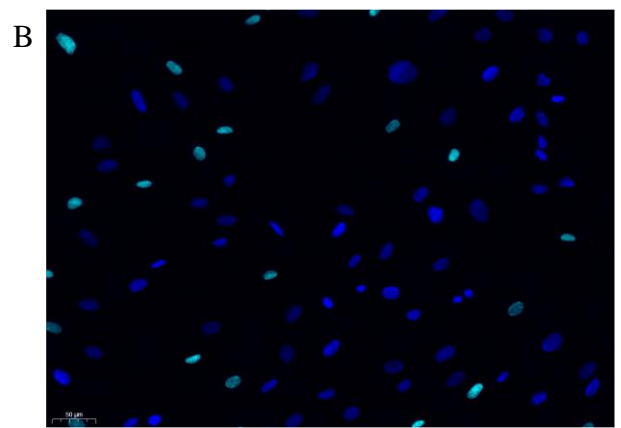
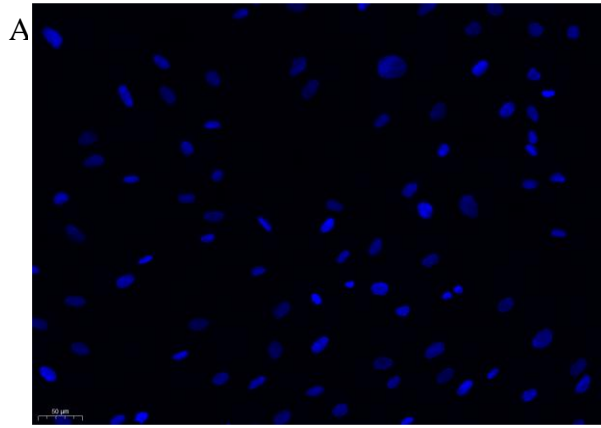
**Figure S2. HDAC9 downregulation inhibits the apoptosis and promotes the proliferation and migration of intracranial aneurysm vascular endothelial cells.** Detailed image of cell apoptosis assessed by TUNEL staining.

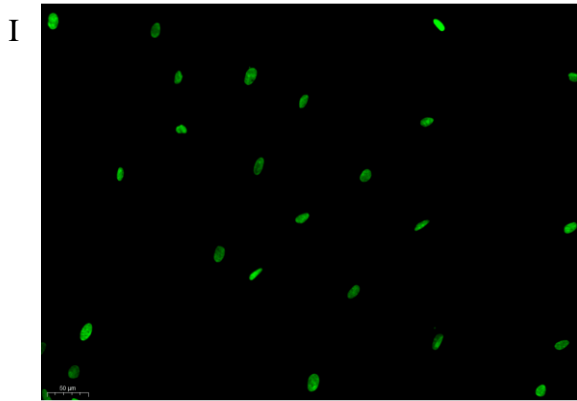




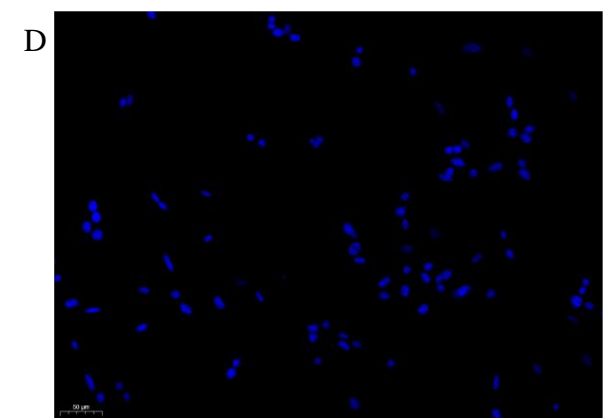
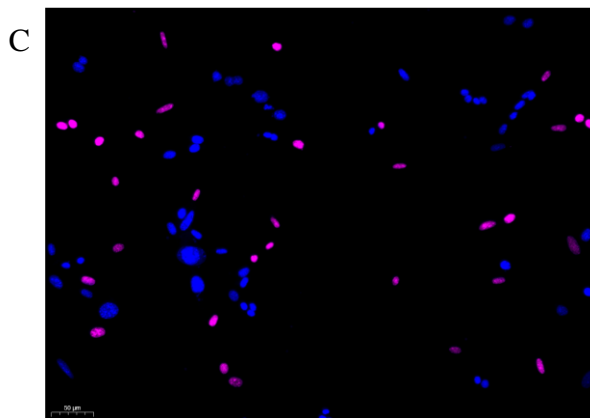
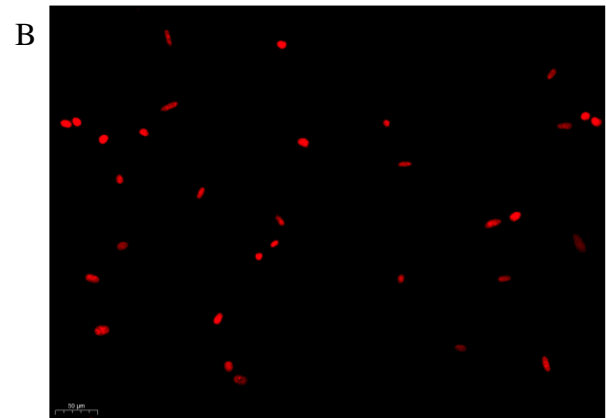
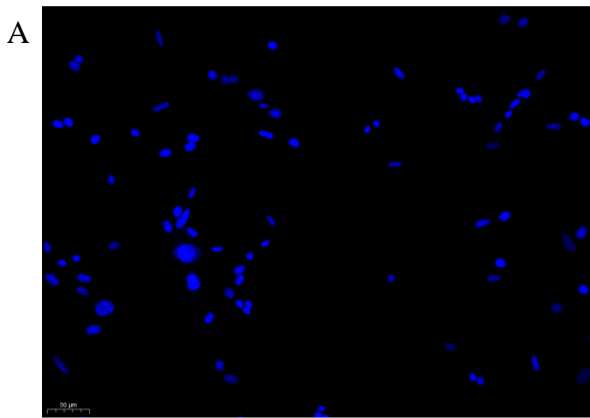


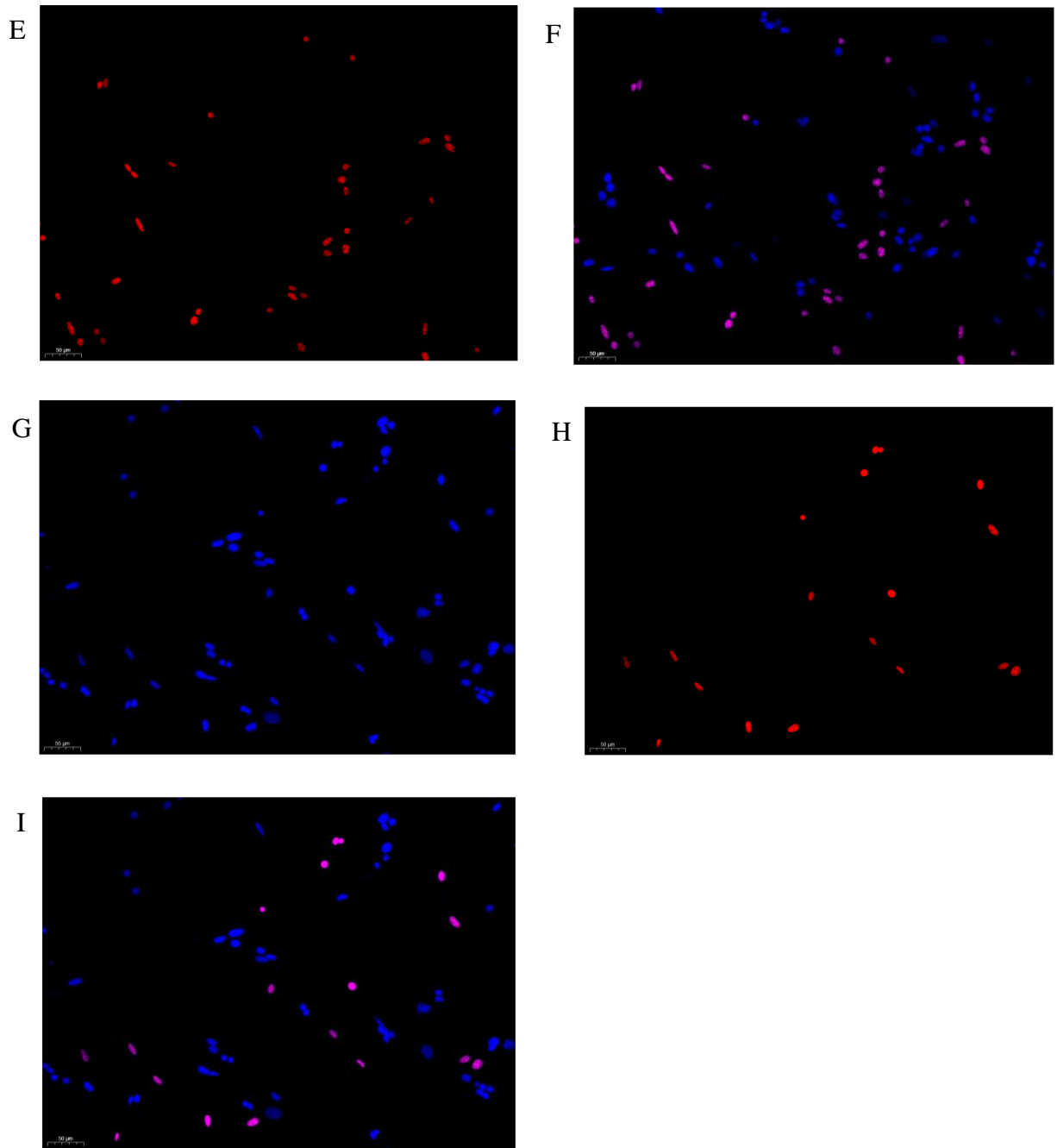
**Figure S3. miR-34a-5p downregulation moderates the protective role of HDAC9 downregulation in intracranial aneurysm-associated vascular endothelial cells injury. Detailed image of cell proliferation assessed by EdU staining.**



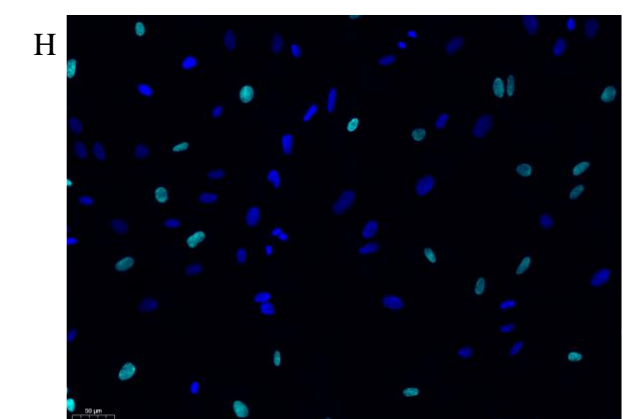
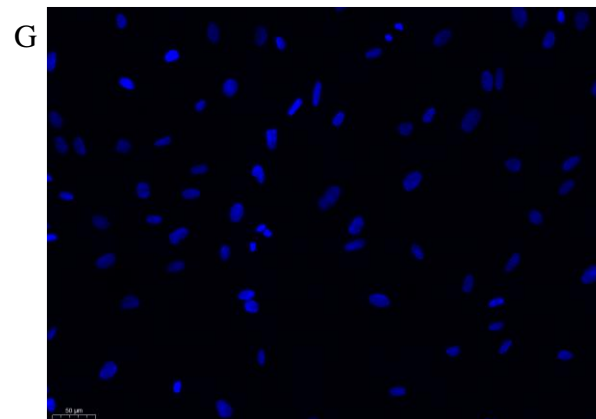
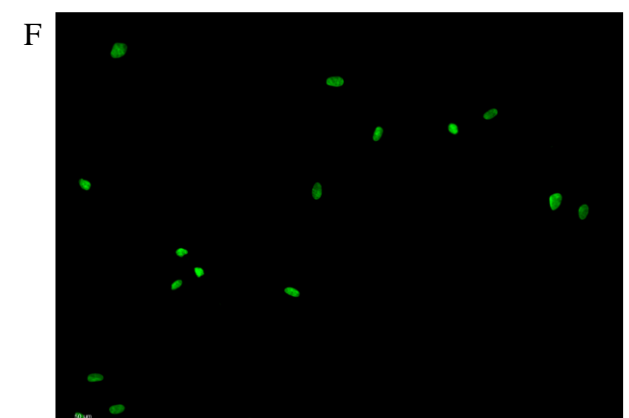
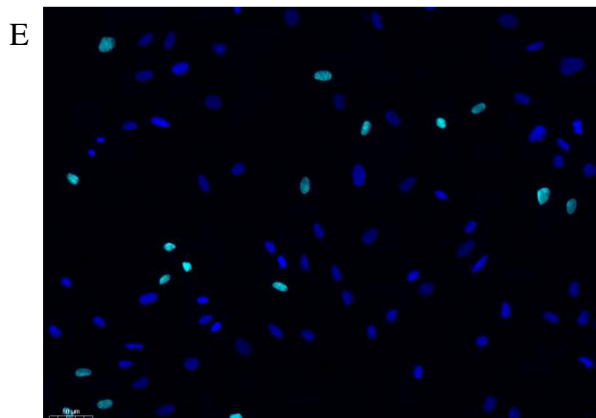
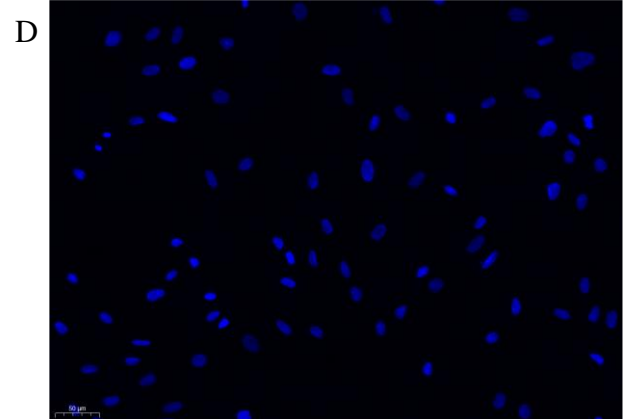
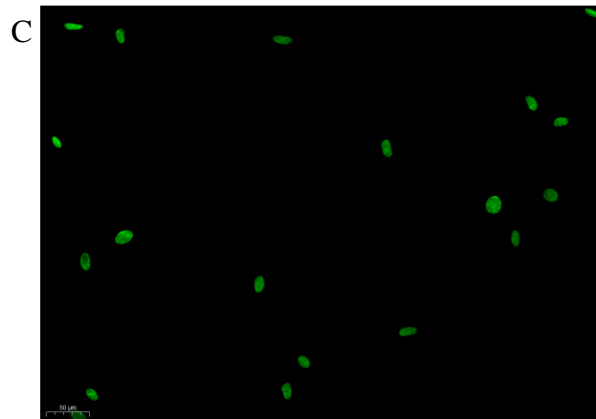
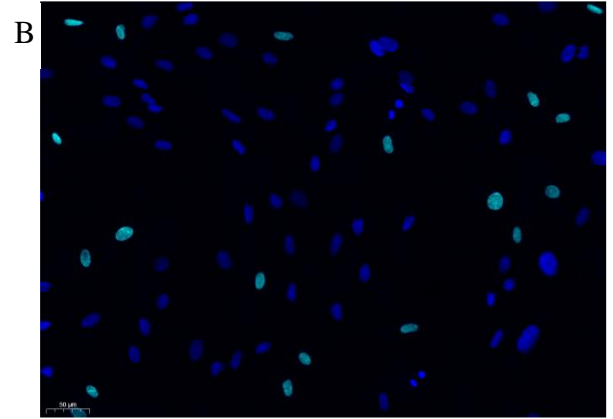
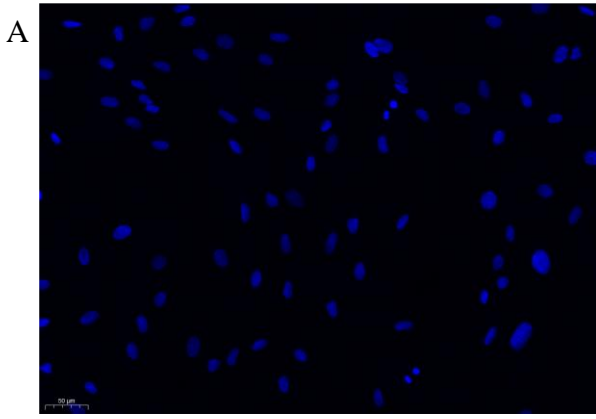


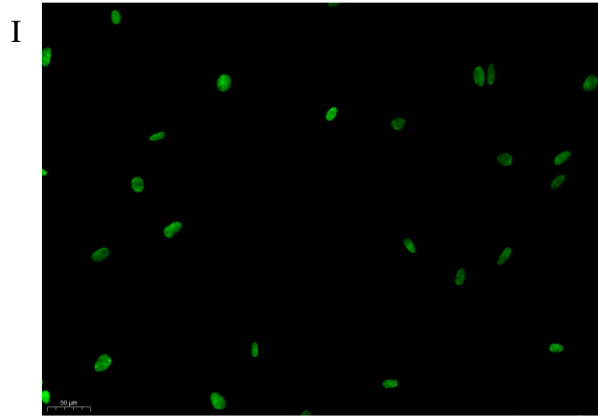
**Figure S4. miR-34a-5p downregulation moderates the protective role of HDAC9 downregulation in intracranial aneurysm-associated vascular endothelial cells injury.** Detailed image of cell apoptosis assessed by TUNEL staining.





**Figure S5. VEGFA overexpression counteracts the protective role of HDAC9 downregulation in IA-associated VECs injury. Detailed image of cell proliferation assessed by EdU staining.**





**Figure S6. VEGFA overexpression counteracts the protective role of HDAC9 downregulation in IA-associated VECs injury.** Detailed image of cell apoptosis assessed by TUNEL staining.