

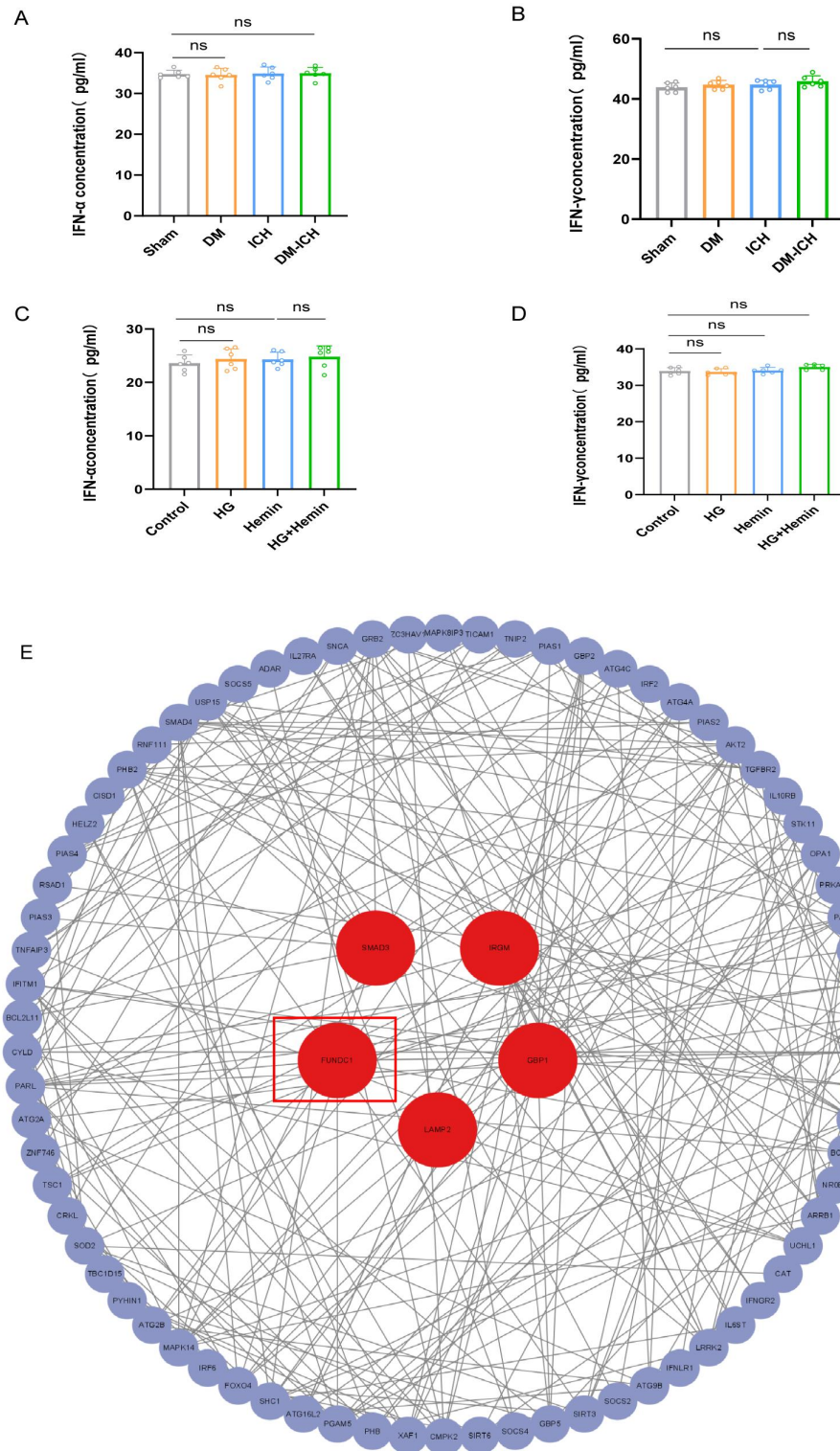


Fig. S1: Expression levels of other interferon subtypes and PPI network analysis.

(A, B) ELISA analysis of IFN-α (A) and IFN-γ (B) concentrations in rat brain tissues

across experimental groups (n=6).(C, D) ELISA analysis of IFN- α (C) and IFN- γ (D)

levels in cell culture supernatants across experimental groups (n=6).(E)

Protein-Protein Interaction (PPI) network analysis identifying FUNDC1 as a potential hub linking mitophagy and interferon-related signaling pathways.Data are presented as mean $\pm$ SD. ns, not significant ($P > 0.05$).