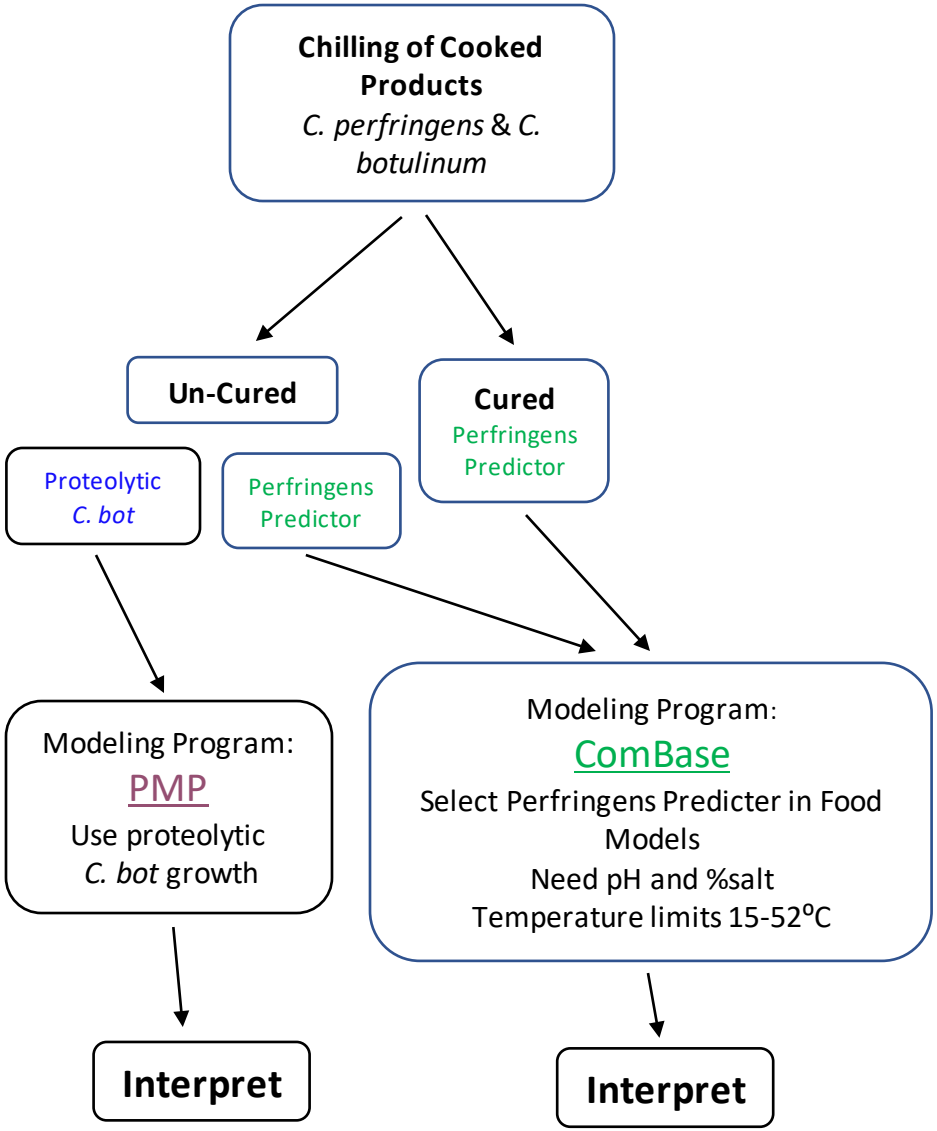Pathogen Modelling Flow Chart