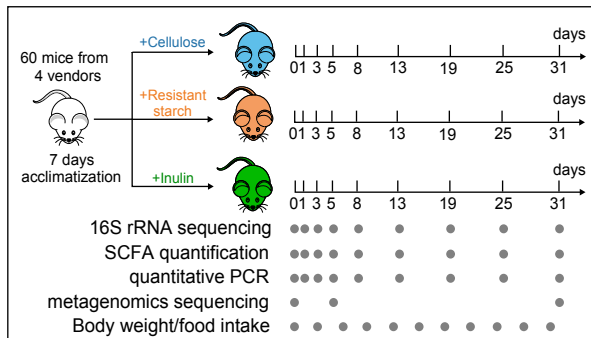
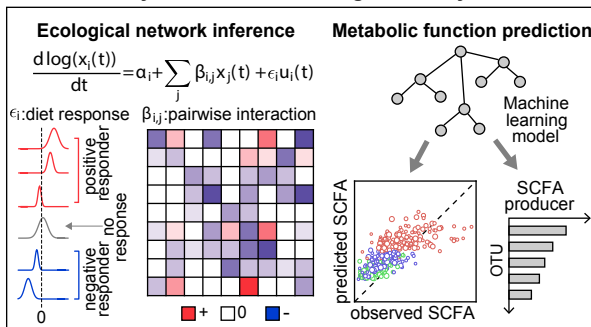
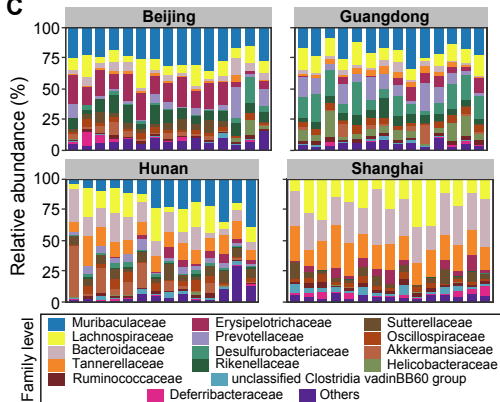


**A****Dynamic microbiome and metabolomics data****B****Systems data modeling and analysis****C****D**