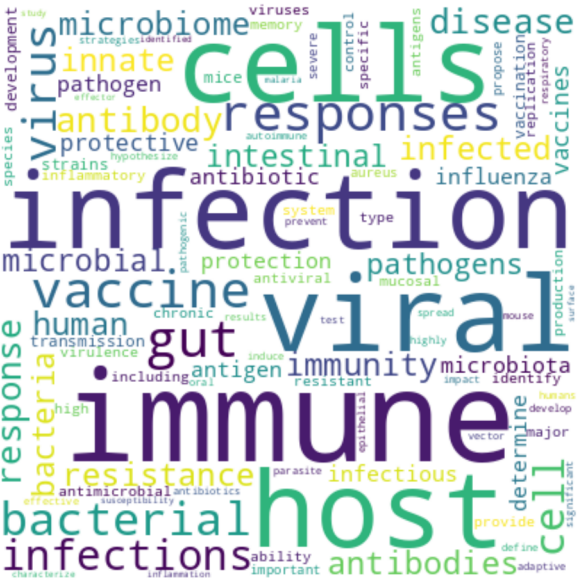
cells
infection
immune
viral
host
responses
disease
microbiome
virus
innate
pathogen
antibody
protective
intestinal
infected
vaccines
influenza
antibiotic
microbial
protection
pathogens
vaccine
human
gut
immunity
microbiota
antigen
response
bacteria
resistance
infectious
determine
cell
bacterial
infections
antibodies
major
develop
provide
identify
resistant
including
transmission
virulence
chronic
mouse
production
mucosal
antiviral
system
type
prevent
viruses
memory
mice
malaria
severe
control
specific
antigens
propose
vaccination
replication
respiratory
autoimmune
hypothesize
strains
inflammatory
aureus
development
species
study
strategies
identified
effector
pathogenic
results
test
spread
highly
induce
oral
impact
humans
vector
epithelial
parasite
antimicrobial
antibiotics
effective
susceptibility
significant
define
adaptive
important
ability
inflammation
characterize