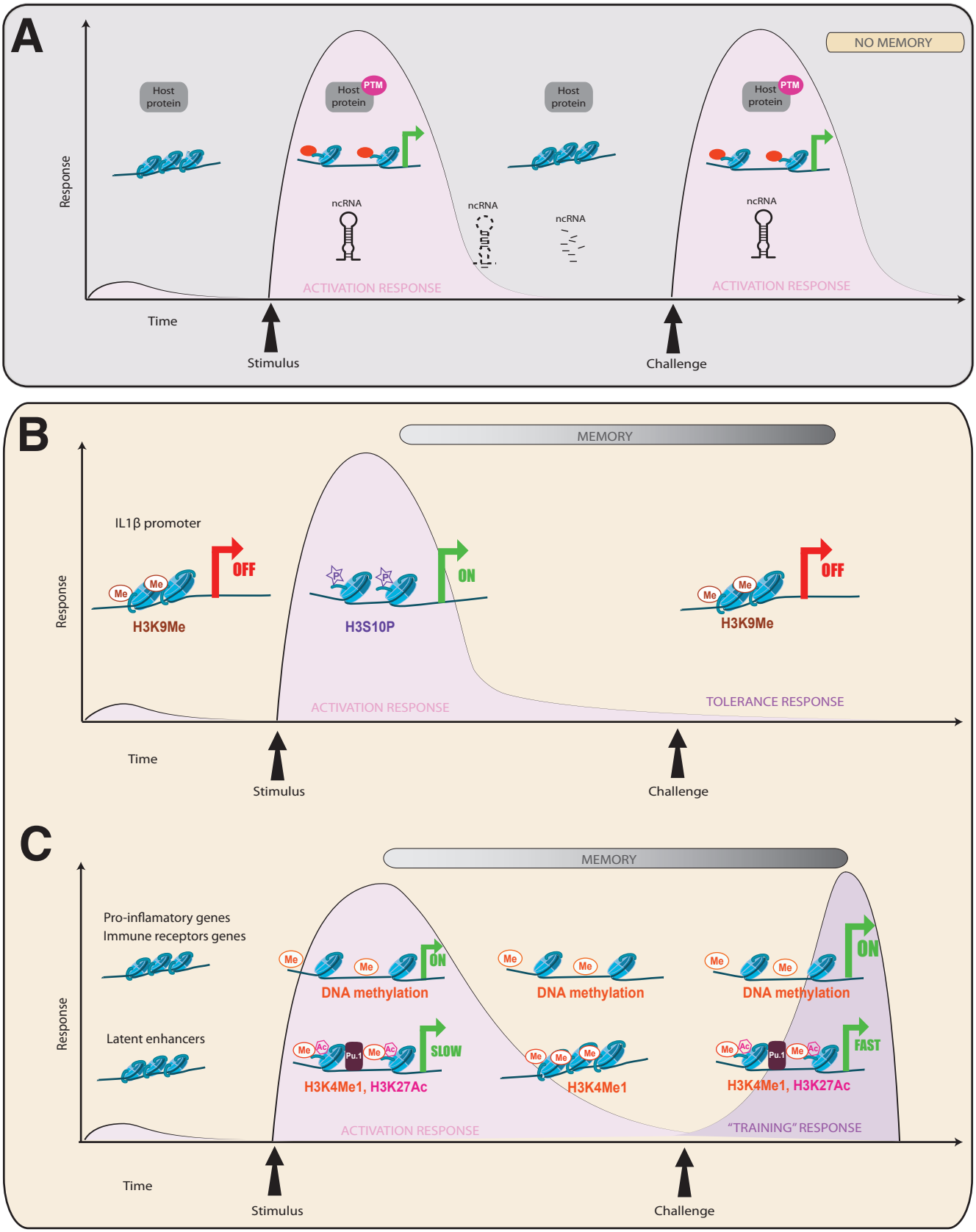
A
NO MEMORY
Host protein
Host protein
PTM
Host protein
Host protein
PTM
ncRNA
ncRNA
ncRNA
ncRNA
Response
ACTIVATION RESPONSE
ACTIVATION RESPONSE
Time
Stimulus
Challenge
B
MEMORY
IL1β promoter
OFF
ON
OFF
Me
P
H3K9Me
H3S10P
H3K9Me
Response
ACTIVATION RESPONSE
TOLERANCE RESPONSE
Time
Stimulus
Challenge
C
MEMORY
Pro-inflamatory genes
Immune receptors genes
Latent enhancers
Me
Ac
Pu.1
ON
SLOW
FAST
DNA methylation
DNA methylation
DNA methylation
H3K4Me1, H3K27Ac
H3K4Me1
H3K4Me1, H3K27Ac
Response
ACTIVATION RESPONSE
"TRAINING" RESPONSE
Time
Stimulus
Challenge