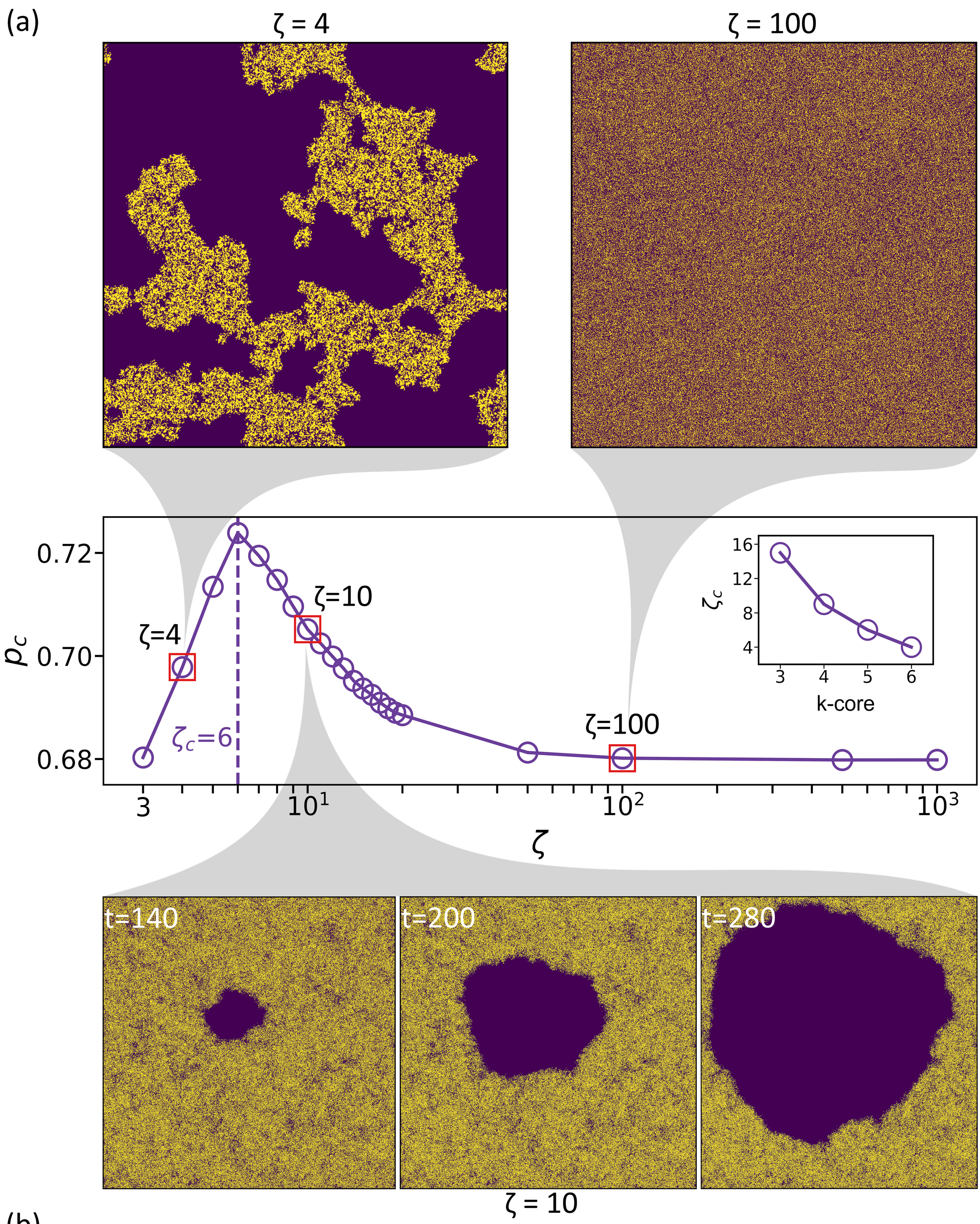
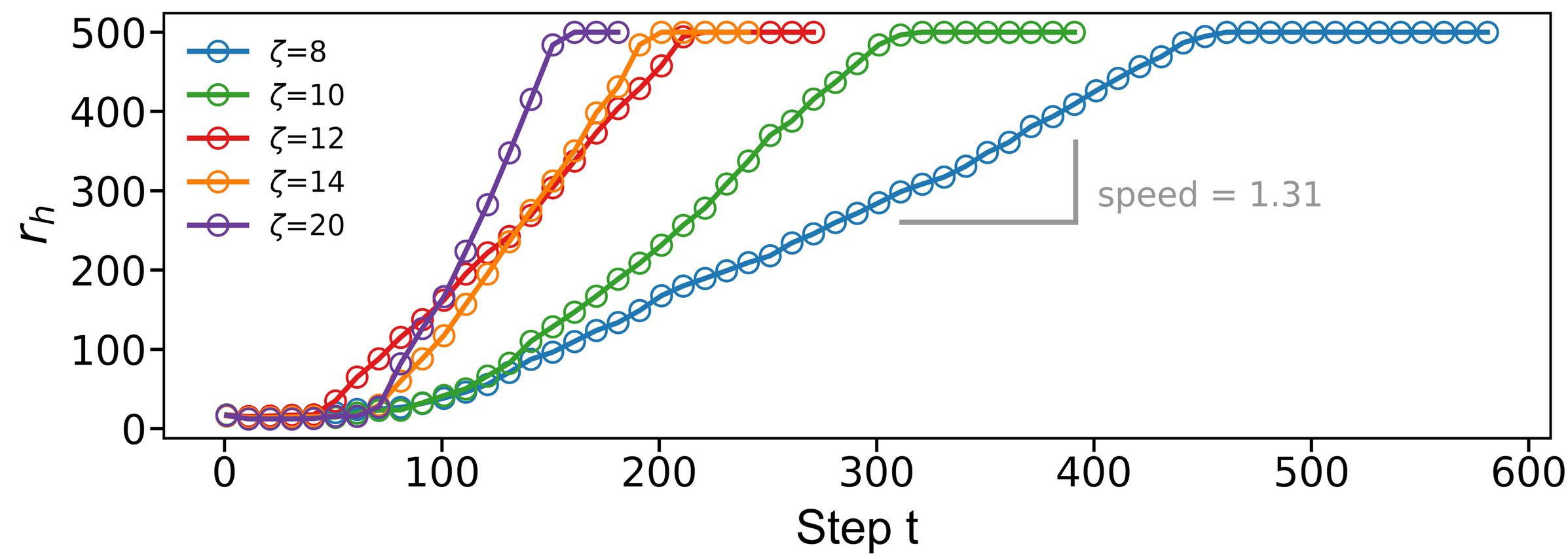
(a)


ζ = 4
ζ = 100
0.72
0.70
0.68
p_c
ζ=4
ζ=10
ζ=100
ζ_c=6
3
10^1
10^2
10^3
ζ
16
12
8
4
ζ_c
3
4
5
6
k-core
t=140
t=200
t=280
ζ = 10

(b)


500
400
300
200
100
0
r_h
ζ=8
ζ=10
ζ=12
ζ=14
ζ=20
speed = 1.31
0
100
200
300
400
500
600
Step t