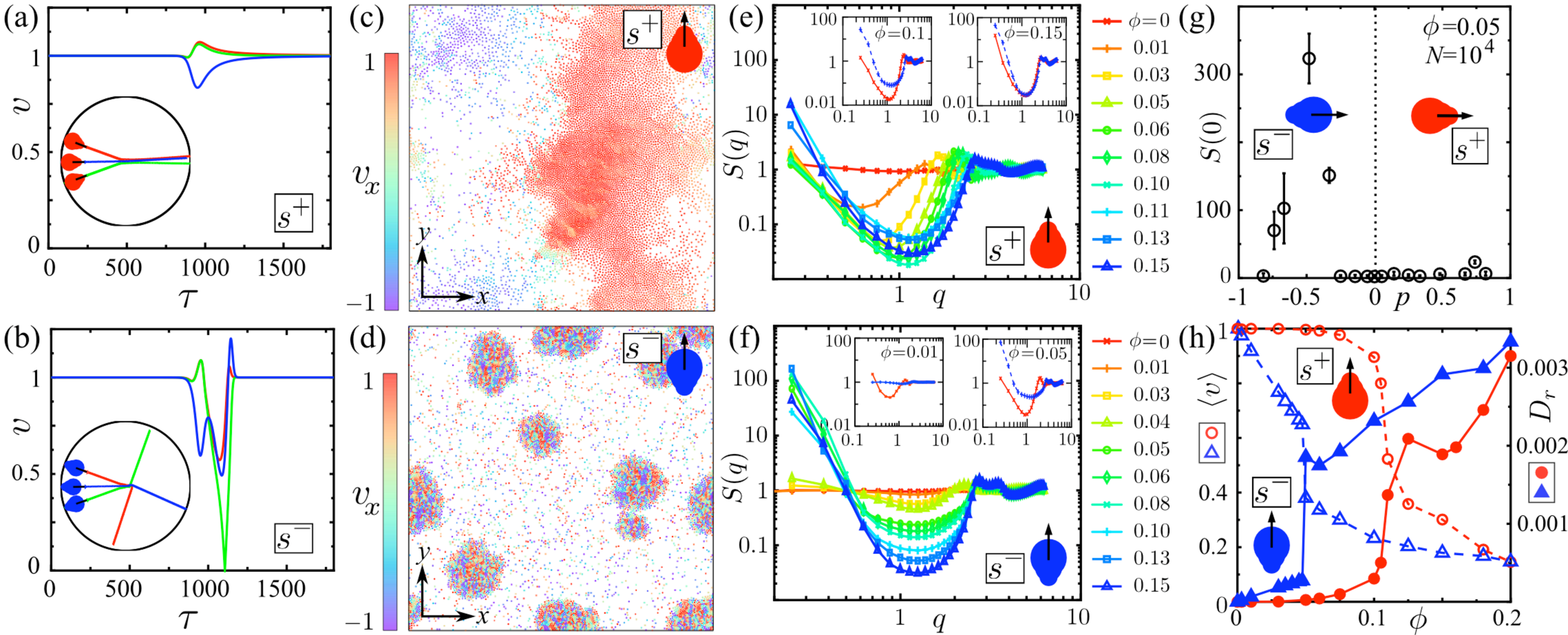

(a)
(b)
(c)
(d)
(e)
(f)
(g)
(h)
s^+
s^-
v
τ
v_x
x
y
$S(q)$
q
ϕ=0
0.01
0.03
0.04
0.05
0.06
0.08
0.10
0.13
0.15
ϕ=0.1
ϕ=0.15
ϕ=0.01
ϕ=0.05
ϕ=0.05
N=10^4
$S(0)$
p
$\langle v \rangle$
D_r