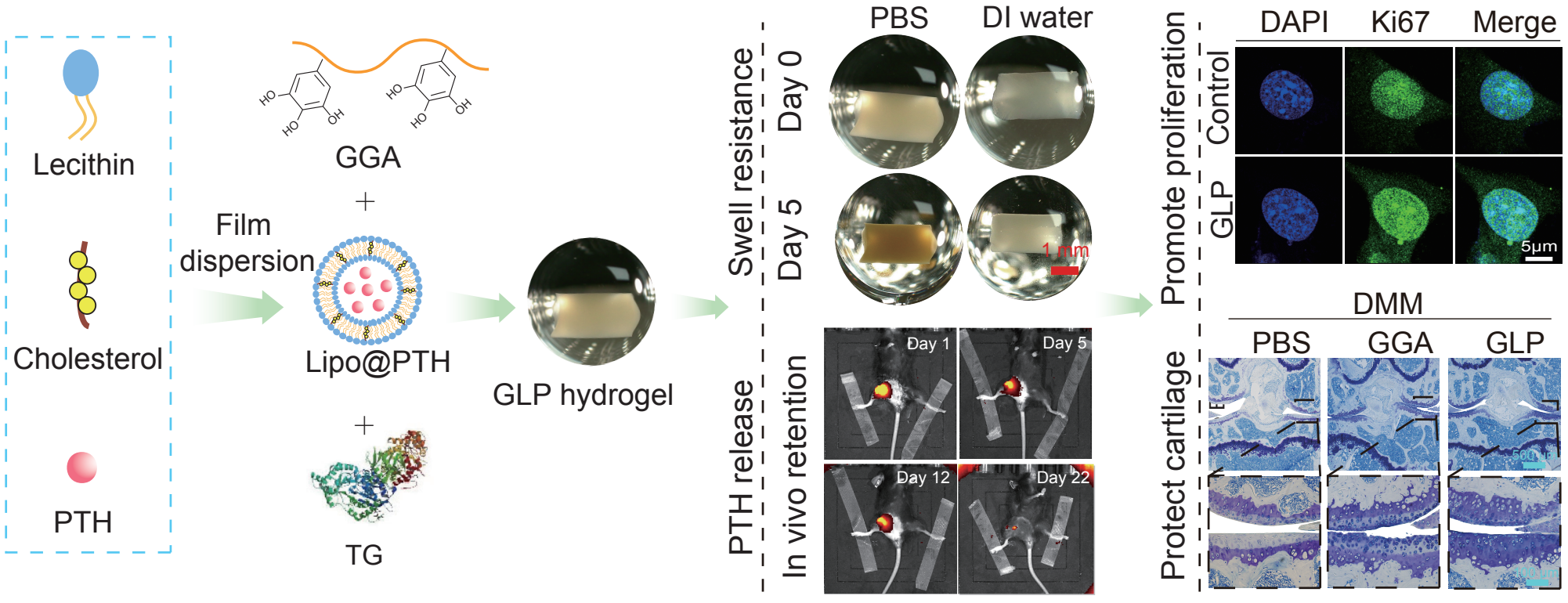
Lecithin
Cholesterol
PTH
GGA
+
Film dispersion
Lipo@PTH
+
TG
GLP hydrogel
Swell resistance
PBS
DI water
Day 0
Day 5
1 mm
PTH release
In vivo retention
Day 1
Day 5
Day 12
Day 22
Promote proliferation
DAPI
Ki67
Merge
Control
GLP
5μm
DMM
PBS
GGA
GLP
Protect cartilage