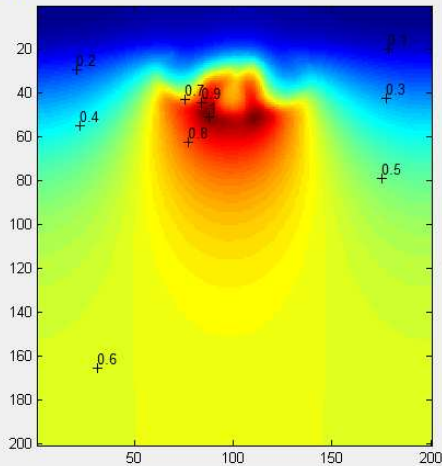
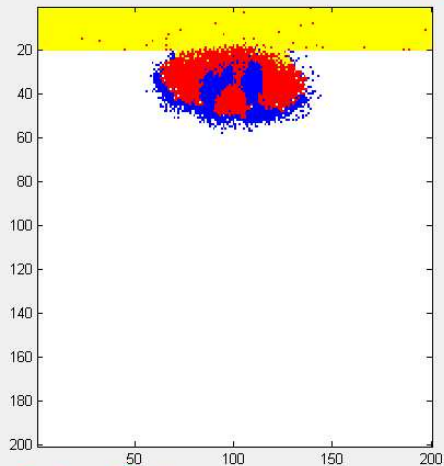


Cell distribution

Time 27

GDNF distribution



Simulation parameters

Mes panel

In vivo

Stop

Off

Diffusion

100

Rules panel

Pan...

GDNF production vs consumption

1

Diagnostics

Mesenchyme density

0.5

Images

Rules panel 1

Nearest neighbours

Allowed targets

Eight

8

Mesenchyme...

Move vs proliferate

Active mes

Ret

0.5

On

On

Pr(Move)

Move target choice

Local GDNF

Multinomial lo...

Pr(Prolif)

Proliferation target choice

Local GDNF

Multinomial lo...

Ret-L vs Ret-H

P(Move/Prolif)

Chemotaxis

C0

C1

C2

C3

Ret-L

-150

50

10

Ret-H

-20

60

10