Radio medio DFC = 20 um = rDFC\_Mean

Work Space

Hor = 400um = 20 \*rDFC\_Mean

Ver = 350 um = 17.5 \*rDFC\_Mean

Initial condition Rectangle (centred)

posY = 0-1 cell = 0 / 2 \*rDFC\_Mean

Hor = 250 um = 12.5 \*rDFC\_Mean

Ver = 2-3 filas = 4\*rDFC\_Mean /6\*rDFC\_Mean

Separacion Maxima = 40 um = 2\*rDFC\_Mean

Num DFcs 20-35

DFC proliferation = NO

Proliferation Rate = --

Enable/Disable = sthochastic movement

Attachment Ratio (4 Windows ~350 um) (~25 cells)

1 (0 um) 80 /20 (14cellring/5cellEVL) (75/25)

2 (100 = 5\*rDFC\_Mean) 80/20 (14/5) (75/25)

3 (200= 10\*rDFC\_Mean) 45/55 (7/4) (65/35)

4 (300 um= 15\*rDFC\_Mean) 0 /100

5 (350 um= 17.5\*rDFC\_Mean)

Velocity EVL margin = 1.5 um/min = 0.075\*rDFC\_Mean /min

Migration EVL margin = (350 um= 17.5\*rDFC\_Mean)

Adhesion Distance = 1.0\*rDFC\_Mean ( co-Atraction )

Outcomes

Params

radius

Data

Position (Init-end)

Image

Initial

End

Video

Outcomes

% lost Cells - Up

% lost Cells – Lateral

%