% Create the RHS and modify the entries which correspond to the mesenchymal

% cells

v\_rhs = zeros(c\_width\_full\*c\_depth\_full,1);

for i = 1:c\_depth\_full

for j = 1:c\_width\_full

switch m\_cell(i,j)

case -1

v\_rhs((i-1)\*c\_width\_full+j) = -c\_gamma/c\_dg;

end

end

end

m\_GDNF = v\_rhs;