

Input:

1	Time Period
2	Initial Shape
3	Angles of Turning
4	Times of Turning
5	Number of Bundles

Initialize Cell Body Shape

Is Cell Body Moving

Yes

Calculate pH

Calculate Velocity

Translate & Rotate Lamellipod

Check to Add Filaments

No

Is Time Equal Final

Yes

Add Filament Location

No

Stop

Extend Lamellipod

No