

Remember that some cells divide more often than others e.g. hair is every 18 hours

Apoptosis- programmed cell death

Somatic cells- of the body

5. Respond to stimuli

- Cytochemotaxis- cells move in response to chemicals
- Phagocytic cells e.g. macrophages can ingest material [See http://www.youtube.com/watch?v=JnIULOjUHSQ](http://www.youtube.com/watch?v=JnIULOjUHSQ)
- Divide (in response to mitogens)
Mitogen -chemical substance normally a protein that stimulates a cell to divide

When and how were cells discovered?

