

CRC

for

Premium

Quality

Wool

## **Cell Communication**

Produced for the CRC for Premium Quality Wool undergraduate program by; Dr Janelle Hocking Edwards, The University of Western Australia.

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How cells communicate

- Chemical signalling
  - hormones
  - growth factors
  - neurotransmittors
- Cell junctions
  - desmosomes
  - tight junctions
  - gap junctions
- Extracellular matrix (ECM)

for

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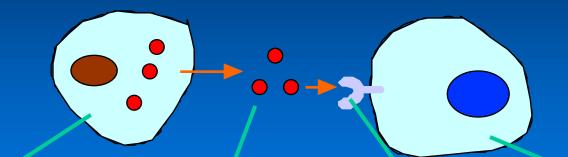
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## Signalling by secreted molecule



CRC

for

Signalling cell

Signalling molecule Receptor

**Target cell** 

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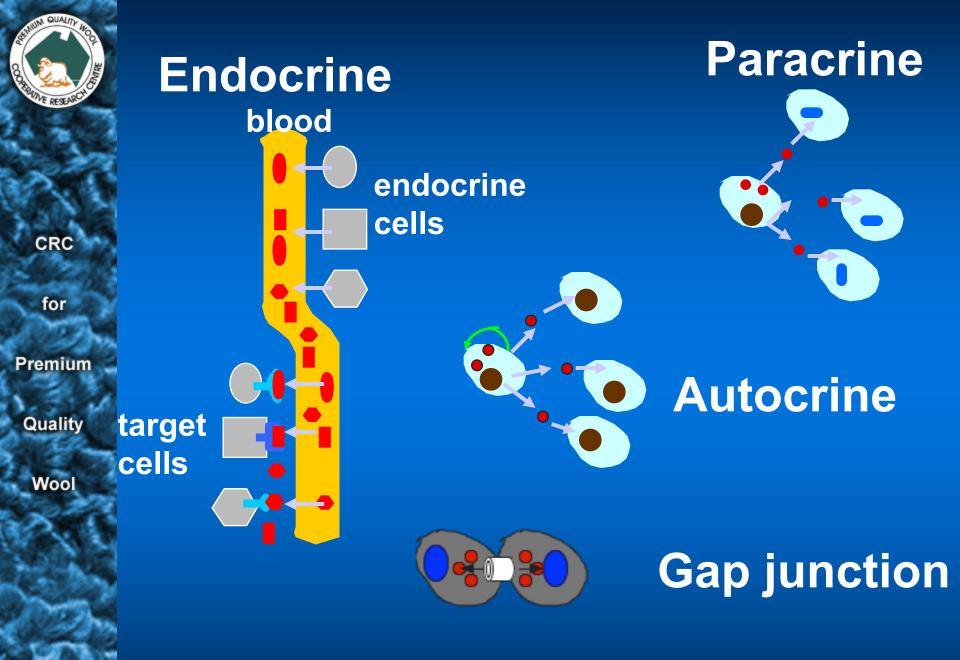
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## Signalling by bound molecule

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