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for

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Glutamine as an Energy Source for the Follicle

Produced for the CRC for Premium Quality Wool undergraduate program by;
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Glutamine

- one of the most abundant amino acids
 - plasma
 - tissues
 - cell culture media
- is the major respiratory substrate for some tissues
 - reticulocytes
 - small intestine
 - oocytes

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Glutamine

- can be oxidised completely to CO_2 and H_2O via the TCA cycle and oxidative phosphorylation
- can be metabolised via glutaminolysis
 - the partial oxidation of glutamine to pyruvate



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