

## Functions of liver:

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Functions of liver include:

- Breaks down/AW, dead/ damaged red blood cells ;
- Breaks down amino acids into ammonia/ deamination ;
- Makes urea ;
- Stores glycogen ;
- Converts glucose to glycogen/ ;
- Produces bile (salts / pigments) ;
- Makes cholesterol ;
- Makes (named) protein ;
- Maintains glucose concentration in blood ;
- Breaks down toxins ;
- Excretes bilirubin, cholesterol, hormones, and drugs.
- Metabolism of fats, proteins, and carbohydrates.
- Enzyme activation.
- Stores glycogen, vitamins, and minerals.
- Synthesises plasma proteins, such as albumin, and clotting factors.
- Liver makes ( synthesizes) proteins by linking amino acids via peptide bonds.
- Excess amino acids are broken down in which the amino group (-NH<sub>2</sub>) (or the nitrogen containing part ) is removed to form ammonia which is then converted to urea. Rest of the molecule is respired