

1. It aids in the production of sex hormones.
2. It's a building block for human tissues.
3. It assists in bile production in the liver.
 2. Cerebrosides are sphingolipids **with a** single sugar head group, **globosides** have multiple sugars, and **gangliosides** have multiple sugars including at least one sialic acid. Cerebroside and **globoside** head groups are neutral, whereas **ganglioside** head groups are charged.
 3. Phosphatidylcholine
 4. Cyclopentenoperhydrophenetrone ring
 5. Fatty acids and **phosphoglycerides** are amphiphilic, as they have both hydrophobic (fears water) and hydrophilic (loves water) parts. The aliphatic chains of fatty acids are hydrophobic. The carboxyl groups of fatty acids and the head groups of **phosphoglycerides** are hydrophilic.
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