



BIOCHEM NOTES

Q&A

1. what are the functions of astrocytes?

- reuptake of glutamate
- anaerobic fermentation
- store glycogen
- warping the capillary

2. one of the following normally utilize the ketone body ---

> **SKELETAL MUSCLE**

3. what is the fate of lactate in neuronal cells ?

pyruvate --> acetyl Co-A --> 28 ATP

4. when do we consider ketone bodies a source of energy in brain ?

Ketogenic conditions and breastfed neonates

5. one of the following not expressed in brain?

- HMG-CoA synthase enzyme**
- G-6-phosphatase**

6. what is the major use of energy in brain ?

ionic pump, mainly Na/K ATPase pump during excitation and conduction

7. when we use ketone bodies in skeletal muscle ?

Normal situations

“اللهم آمن روعات أهلنا في السودان و غزة و آمنهم في ديارهم و اكفهم ما أهمهم ولا تحزنهم وول عليهم خيارهم و اكفهم شرارهم”