**Want Ads:** Which organelle (or cell component) should answer each of the ads below?

- **Smooth endoplasmic reticulum**
- **Ribosome**
- **Lysosome**
- **Centrioles**
- **Nucleolus**
- **Vacuole**
- **Flagella**
- **Chromatin**
- **Peroxisomes**

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**ICE Inquiry-based Curriculum Enhancement**

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**Help Wanted**

- Cardiac cells need ATP. We provide carbohydrates, oxygen and water, you make ATP. Extra membrane not provided.
- Ribosome new to area. Seeking attachment to membrane with other ribosomes. Will synthesize proteins if you package. Call me.
- Phagocytic cell recruiting digestive organelles. Must be mobile and have low pH.
- BOUNCER WANTED. Team of organelles seeks to become cell. Need selective barrier to regulate passage of materials. Club scene.
- You: long and slender, seeking membrane for cell division and mutual mobility. Me: bacterial cells finished last in recent track competition.
- GETTING WITH THE PROGRAM. Plant cell to store water and toxins away from important cell activities. Please help.
- Previous cell seeks enzyme for DNA synthesis. MUST. Bonus package if you can handle replication errors.
- Nucleic acid seeking home. Promises to stay in loose form and condense only during replication. Needs protection from invading viruses and exposure of mRNA. Please have pores for easy

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**Personal**

- Carlo Baxter. I'm sorry I said that you had a brain like Badger. It's a body like E. coli. Please meet me by the cell wall and I'll try to make it up to you. Delta

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**Nucleus**

- **Actin**
- **Chloroplast**
- **DNA polymerase**
- **Rough endoplasmic reticulum**
- **Plasma membrane**