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DATE _____

Metabolic Pathways - Cell Types

Cell Type	Molecule(s) it <i>can</i> burn for energy (circle all that apply)	Molecule it <i>prefers</i> to burn for energy (circle all that apply)	Molecule(s) it can store	Can it convert one type of fuel molecule to another, like sugar to fat?	Does it send fuel molecules to other cells?
Brain Cell	 fatty acid  amino acid  glycerol  glucose	 fatty acid  amino acid  glycerol  glucose		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Fat Cell	 fatty acid  amino acid  glycerol  glucose	 fatty acid  amino acid  glycerol  glucose		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Muscle Cell	 fatty acid  amino acid  glycerol  glucose	 fatty acid  amino acid  glycerol  glucose		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Red Blood Cell	 fatty acid  amino acid  glycerol  glucose	 fatty acid  amino acid  glycerol  glucose		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Liver Cell	 fatty acid  amino acid  glycerol  glucose	 fatty acid  amino acid  glycerol  glucose		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No