

| <b>B</b>             | <b>I</b>        | <b>N</b>                                      | <b>G</b>                 | <b>O</b>     |
|----------------------|-----------------|-----------------------------------------------|--------------------------|--------------|
| Photosynthesis       | ADP             | C <sub>6</sub> H <sub>12</sub> O <sub>6</sub> | Lactic acid fermentation | Enzymes      |
| Alcohol fermentation | Oxygen          | Glycolysis                                    | ATP                      | Mitochondria |
| Pyruvate             | Aerobe          | <b>FREE</b>                                   | Chlorophyll              | Chloroplast  |
| Light independent    | Cytosol         | Grana                                         | Carbon dioxide           | Ethanol      |
| Aerobic              | Light dependent | Anaerobe                                      | Thylakoid membranes      | Anaerobic    |

|                             |                         |              |                      |                         |
|-----------------------------|-------------------------|--------------|----------------------|-------------------------|
| <b>B</b>                    | <b>I</b>                | <b>N</b>     | <b>G</b>             | <b>O</b>                |
| Pyruvate                    | Thylakoid<br>membranes  | ATP          | Cytosol              | Alcohol<br>fermentation |
| Lactic acid<br>fermentation | Chloroplast             | C6H12O6      | Ethanol              | Aerobe                  |
| Chlorophyll                 | ADP                     | <b>FREE</b>  | Carbon<br>dioxide    | Grana                   |
| Anaerobic                   | Photosynthesis          | Anaerobe     | Light<br>independent | Aerobic                 |
| Enzymes                     | Cellular<br>Respiration | Mitochondria | Glycolysis           | Oxygen                  |

|                      |                |                     |             |                                               |
|----------------------|----------------|---------------------|-------------|-----------------------------------------------|
| <b>B</b>             | <b>I</b>       | <b>N</b>            | <b>G</b>    | <b>O</b>                                      |
| Light independent    | Carbon dioxide | Pyruvate            | Anaerobic   | Lactic acid fermentation                      |
| Light dependent      | Mitochondria   | Thylakoid membranes | Cytosol     | Aerobe                                        |
| Grana                | ATP            | <b>FREE</b>         | Chlorophyll | C <sub>6</sub> H <sub>12</sub> O <sub>6</sub> |
| Cellular Respiration | Enzymes        | Aerobic             | ADP         | Photosynthesis                                |
| Oxygen               | Glycolysis     | Chloroplast         | Ethanol     | Anaerobe                                      |