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Lecture 9

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| **Across**  **3.** Photosynthetic membranes located in the chloroplast  **5.** Light absorbing compounds that work with chlorophyll a in photosynthetic organisms  **8.** A semiliquid that contains the enzymes that catalyze the light-independent reactions of photosynthesis  **9.** Special organelle in plants used to conduct photosynthesis  **10.** Release of light energy when electrons fall back into their original orbit | **Down**  **1.** Holds together grana  **2.** This is the process where plants convert light into energy  **4.** An instrument that separates white light into color.  **6.** A substance that absorbs light  **7.** Stacked columns of thylakoids |