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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 |