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Chapter 8 Cell Diversity

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| **Across**  **2.** The system to which the stomach belongs  **9.** A plant organ responsible for getting water and minerals for the plant  **10.** Organ responsible for coordinating the body's responses  **13.** The growth of cells in an artificial medium  **14.** A group of cells with a similar function  **15.** Organ responsible for pumping blood around the body  **16.** Tissue responsible for response in animals | **Down**  **1.** A type of cell found vascular tissue in plants responsible for transport of water and minerals  **3.** Cells in tissue culture need these for energy  **4.** The growth of large numbers of plants from tissues/cells  **5.** A plant organ that contains lots of chloroplasts  **6.** An environnment that is completely clean and free from microorganisms  **7.** The study of cells outside the body  **8.** This type of tissue is capable of contracting  **11.** A group of organs that work together to perform a function  **12.** A plant tissue responsible for protection |