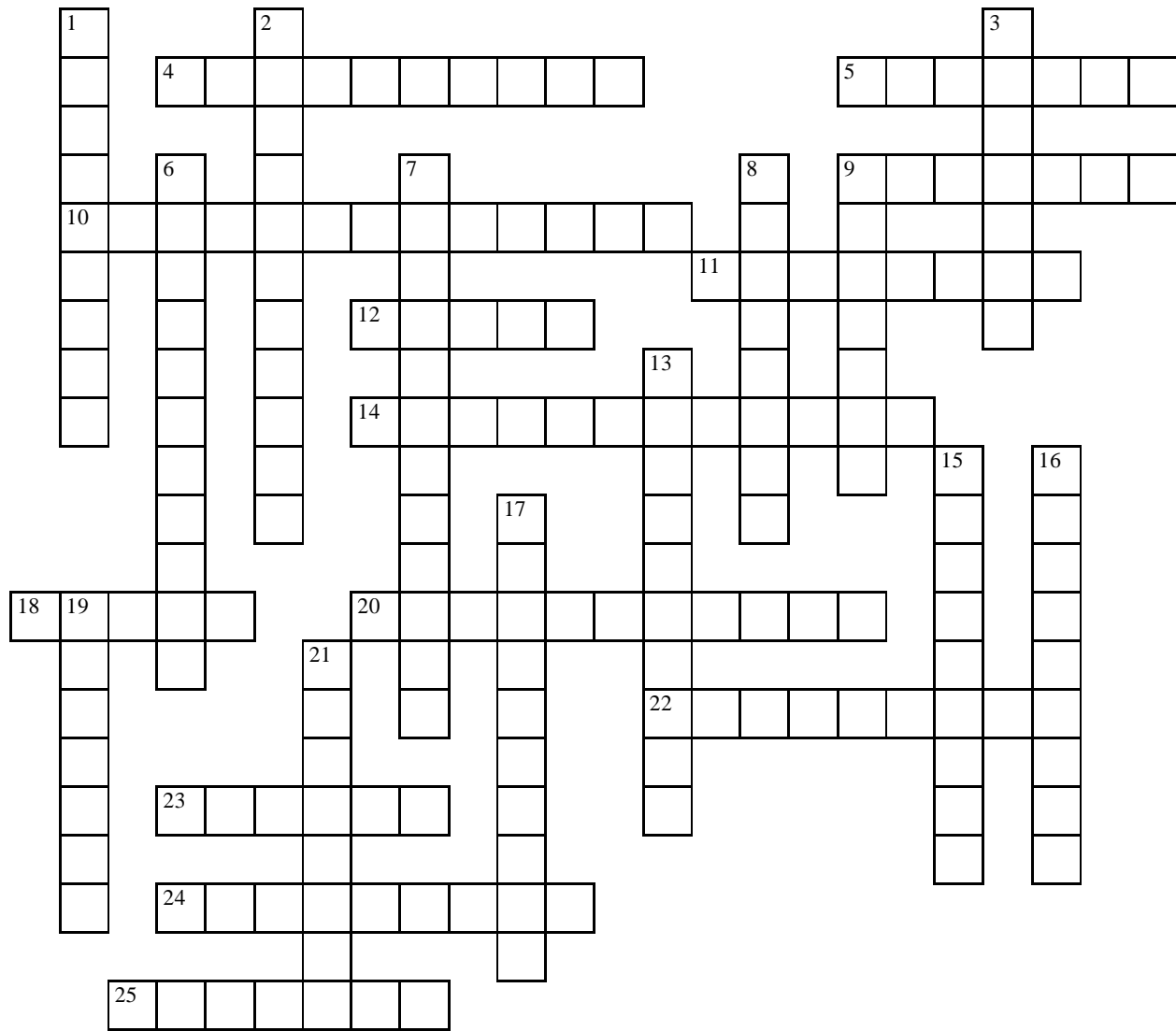


Cell



ACROSS

- 4 Condensed form of genetic material found during cell division
- 5 Cell types formed after meiosis
- 9 Division resulting in four cells with half number of chromosomes
- 10 Phase of protein synthesis that results in creation of RNA copy of gene
- 11 Comparison between two substances with same solute level on either side of membrane
- 12 Type of endoplasmic reticulum where proteins achieve their folded shape
- 14 Movement of solid substances into cell
- 18 Regulate movement of substances in and out of nucleus

DOWN

- 1 A name for cell suicide
- 2 Phase of protein synthesis that results in creation of protein from RNA
- 3 Type of respiration that results in the production of ATP in the mitochondria
- 6 Type of diffusion that requires a carrier protein
- 7 Organelle that creates ATP
- 8 Organelle that contains powerful digestive enzymes and involved in cell suicide
- 9 Division that results in the production of two cells with the same number of chromosomes as parent cell

- 20** Movement of liquid substances into cell
- 22** Location of rRNA synthesis
- 23** Type of endoplasmic reticulum where lipids are metabolized
- 24** Spread out form of genetic material
- 25** Houses the genetic material of the cell
- 13** If a cell is placed into a substance with higher salt levels than it, how would you describe the fluid
- 15** Cell material between membrane and nuclear envelope
- 16** Movement of solutes from high concentration to low concentration
- 17** Movement of substances out of cell
- 19** Movement of water from low solute concentration to high solute concentration
- 21** Catches the mRNA and begins process of translation

Note: For a fee, you can use Crossword Weaver to print a nice copy of this puzzle (one that doesn't look like a web page). You can check it out for free by downloading the demo from www.CrosswordWeaver.com.