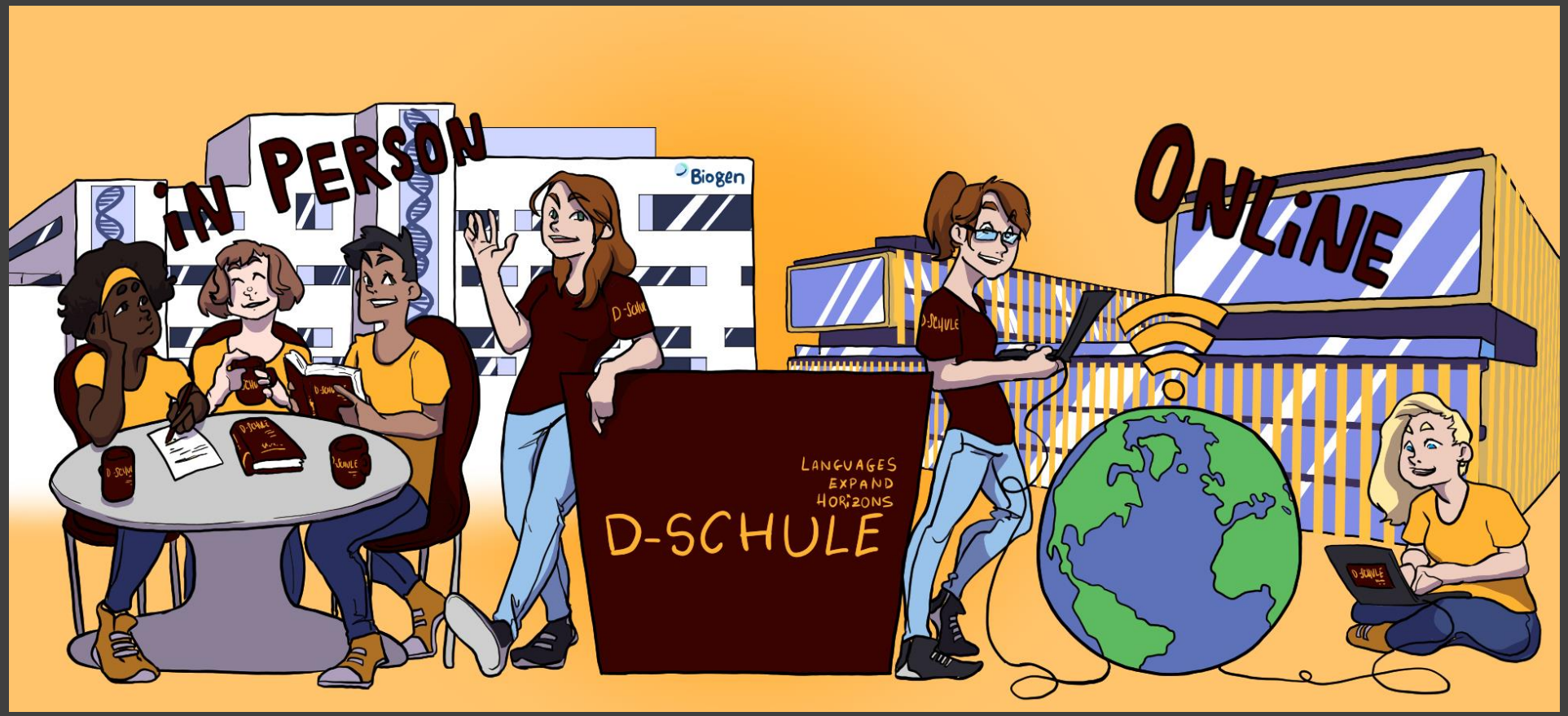
Biogen Specific Teaching Material

Introduction to DSP – Proteins and Their Structure



Questions & Answers

1. What holds the primary structure of a protein together during protein biosynthesis?

1. The primary structure is held together by peptide bonds.

2. What are the two ends of the polypeptide chain referred to as?

2. The two ends of the polypeptide chain are the carboxyl terminus (C-terminus) and the amino terminus (N-terminus).

3. What determines the primary structure of a protein ?

3. The gene corresponding to the protein determines the primary structure.

4. What will happen to the product, or target protein, if it is exposed to the wrong temperature or pH?

4. The protein chain will both lose its shape and its ability to function.

5. What is a peptide referred to?

5. It's often identified a chain less than 30 amino acids.

6. What does the term "trimer" refers to?

6. A trimer refers to three polypeptides.

7. What is a single amino acid monomer sometimes called?

7. It can be called a residue.

8. How many amino acids does a typical protein contain?

8. A typical protein may can contain anywhere between 200 and 300 amino acids.

9. What does the tertiary structure refer to?

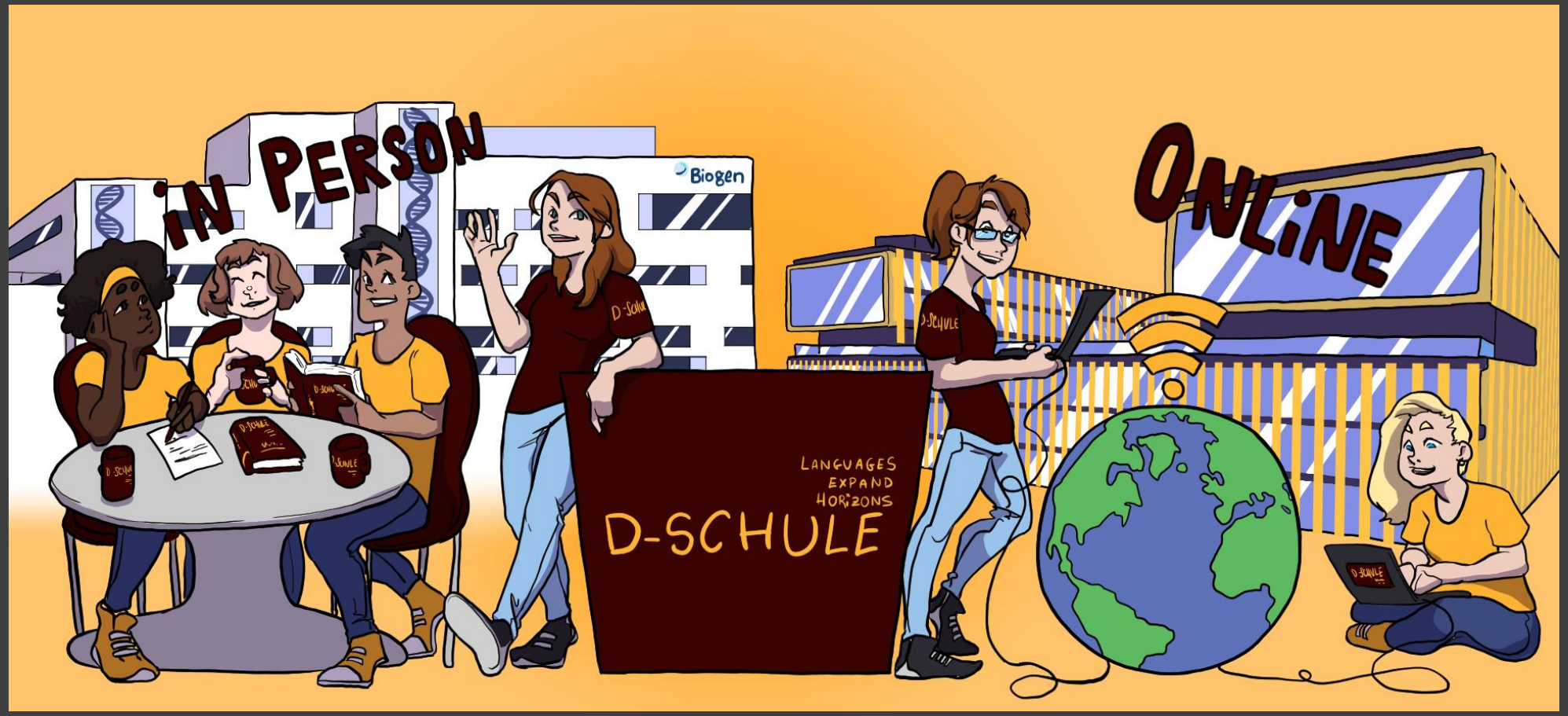
9. The tertiary structure refers to the three-dimensional structure of monomeric and multimeric protein molecules.

10. What is the loss of protein structure called?

10. It's called denaturation.

Thank you for your attention!

D-SCHULE – Your Language School



D-SCHULE
Domenika Hüsser
info@d-schule.ch
+41 79 730 52 35