

- Read the following publication:

<https://www.sciencedirect.com/science/article/pii/0378111985901404>

- Introduce the concept of site-directed mutagenesis (called “cassette mutagenesis” in the publ.)
- Focus on the following key points during your presentation:
  - What is the goal of the mutagenesis?
  - How are chemically synthesized oligonucleotides used to achieve the goal?
  - What does the sequence “NNN” stand for in Fig. 2?
  - How could you change the oligo synthesis procedure (see lecture) in order to randomize an amino acid residue in a protein (i.e. testing of all possible amino acids in a given position)?