

test

- **1. Alanine scan means:**
 - A. sequential substitutions (mutagenesis) of amino acids by alanine?
 - B. sequential substitutions (mutagenesis) of alanine residues by cysteins?
 - C. searching for alanine residues in protein sequences?
 - D. specific „scanning“ of proteomic data?
- **2. Classical yeast two-hybrid system is based on:**
 - A. reactivation of GFP fluorescence?
 - B. reactivation of transcription activator (like Gal4)?
 - C. reactivation of DHFR enzyme?
 - D. reactivation of signaling RAS pathway?
- **3. Site directed „crosslink“ by BMOE:**
 - A. covalently links SH groups of cystein residues?
 - B. covalently links SH groups of lysine residues?
 - C. covalently links NH2 groups of cystein residues?
 - D. links SH groups of cystein residues non-covalently?
- **4. FRET method is based on:**
 - A. reactivation of GFP fluorescence?
 - B. reactivation of transcription activator (like Gal4)?
 - C. fluorescence resonance of ethan?
 - D. proximity of fluorophore (e.g. CFP) emitting light with a wavelength absorbed by the other fluorophore (e.g. YFP) which then emits detected light?

Send the test to E-mail: jpalecek@sci.muni.cz