

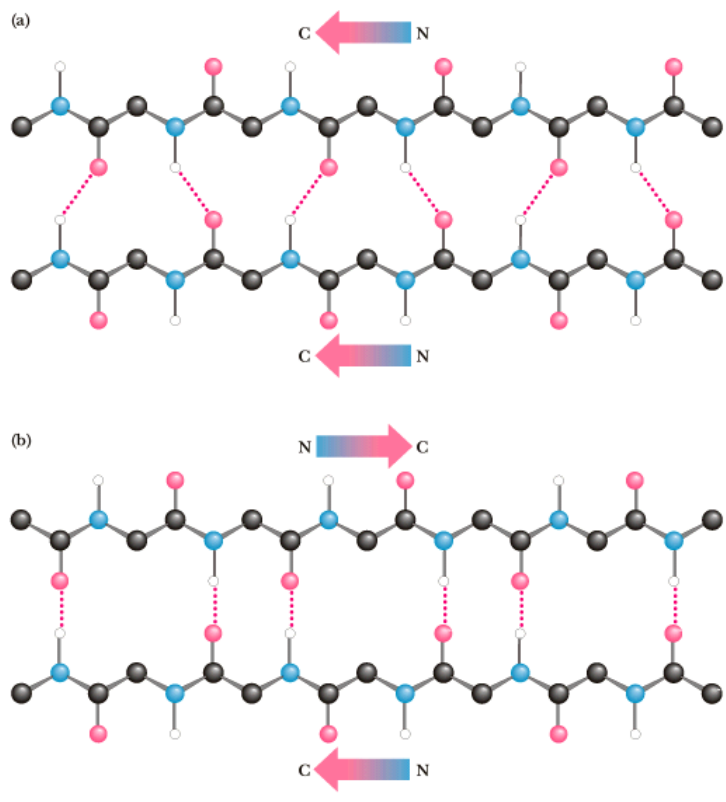
### Šroubovice

Stoupání - 5,4 Å/závit

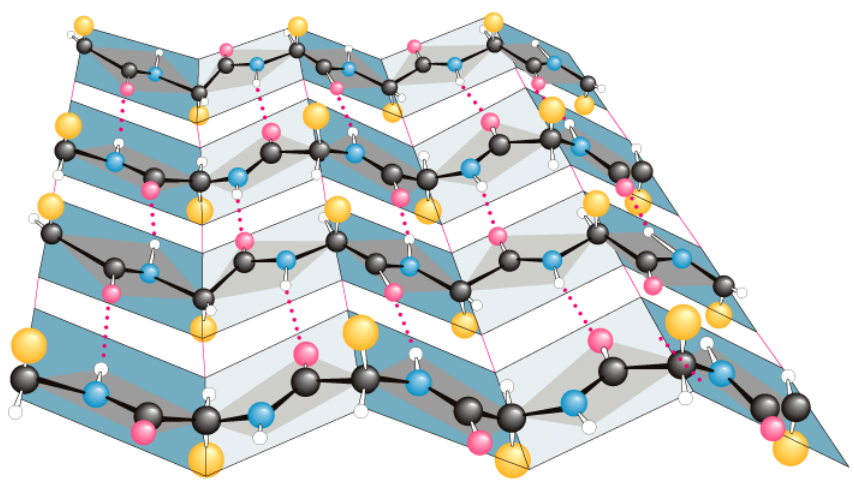
1,5 Å / zbytek

### Skládaný list

3,25 resp. 3,47 Å / zbytek pro paralelní resp. antiparalelní

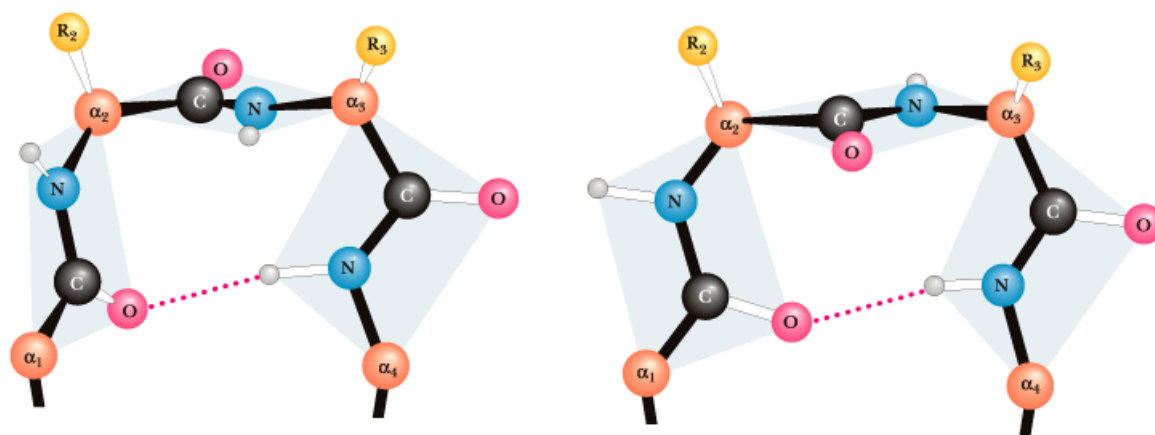


Garrett & Grisham: Biochemistry, 2/e  
Figure 6.10



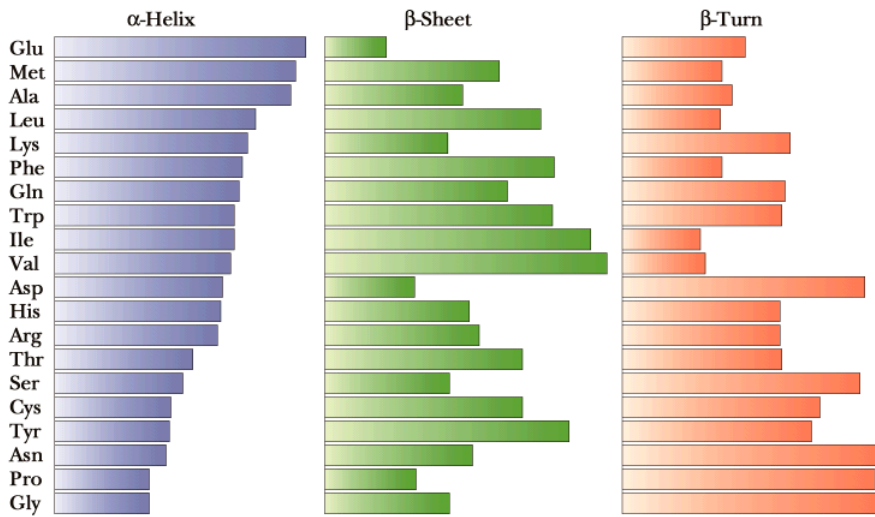
$\beta$ -ohyb – můstek z CO na NH - 3 zbytky dopředu  
výhodný u glycinu a prolinu

Garrett & Grisham: Biochemistry, 2/e  
Figure 6.12

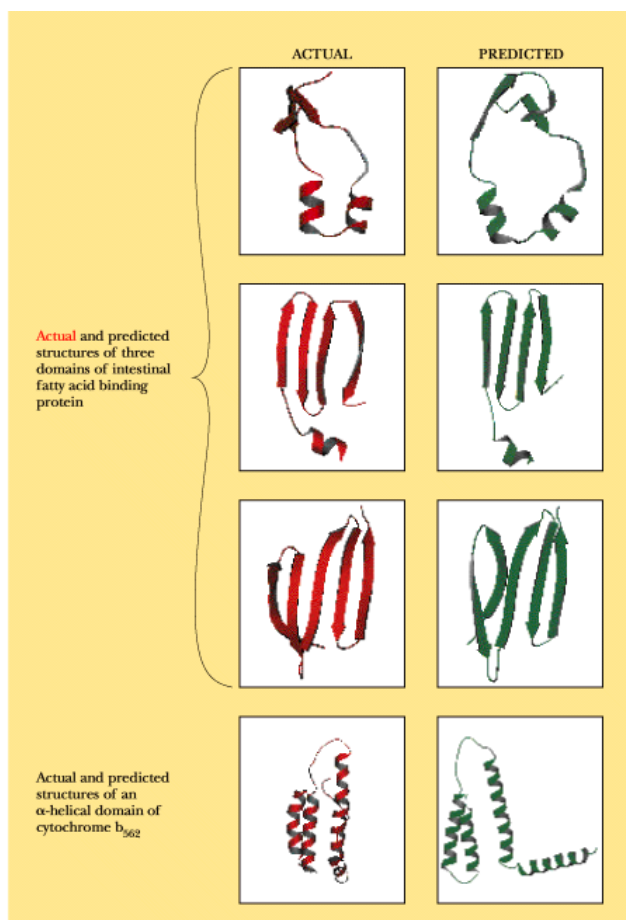


# Predikce sekundární struktury

Garrett & Grisham: Biochemistry, 2/e  
Figure 6.39



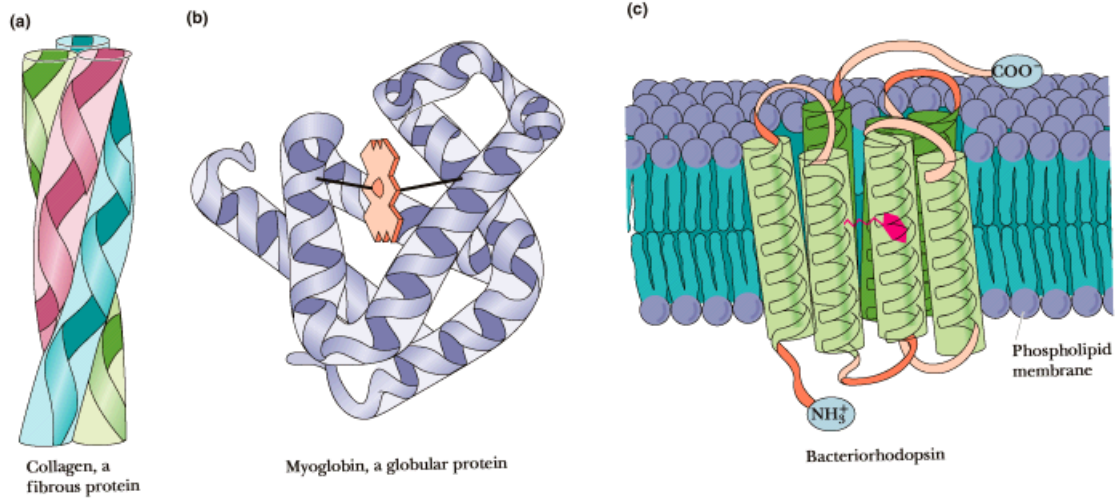
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**TABLE 3.1** Hydrophathy scale for amino acid residues

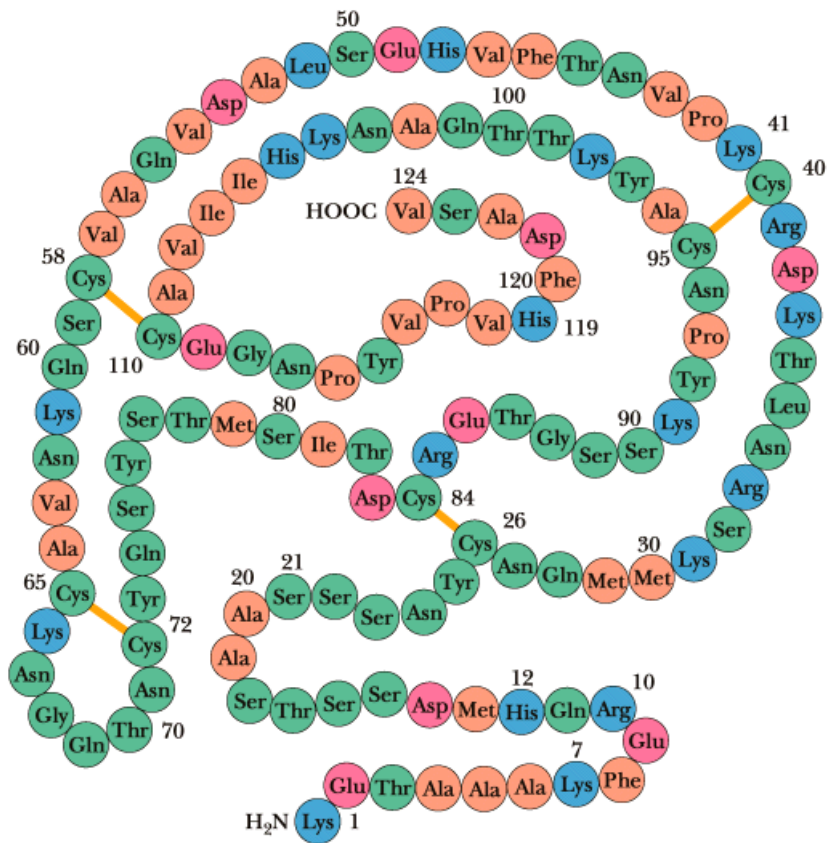
| <b>Amino acid</b> | <b>Free-energy change for transfer (kJ mol<sup>-1</sup>)</b> |
|-------------------|--|
| Isoleucine        | 3.1  |
| Phenylalanine     | 2.5  |
| Valine            | 2.3  |
| Leucine           | 2.2  |
| Methionine        | 1.1  |
| Tryptophan        | 1.5 <sup>b</sup>   |
| Alanine           | 1.0  |
| Glycine           | 0.67   |
| Cysteine          | 0.17   |
| Tyrosine          | 0.08   |
| Proline           | -0.29  |
| Threonine         | -0.75  |
| Serine            | -1.1   |
| Histidine         | -1.7   |
| Glutamate         | -2.6   |
| Asparagine        | -2.7   |
| Glutamine         | -2.9   |
| Aspartate         | -3.0   |
| Lysine            | -4.6   |
| Arginine          | -7.5   |

Garrett & Grisham: Biochemistry, 2/e  
Figure 5.7



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Typy struktur



RNasa