

Leituras sugeridas

Capítulos sobre estrutura tridimensional de proteínas nos livros:

**Biochemistry
Voet & Voet**

**Lehninger Principles of Biochemistry
Nelson & Cox**

**Bioquímica Básica
Marzzoco & Torres**

Disponíveis em português e inglês na nossa biblioteca

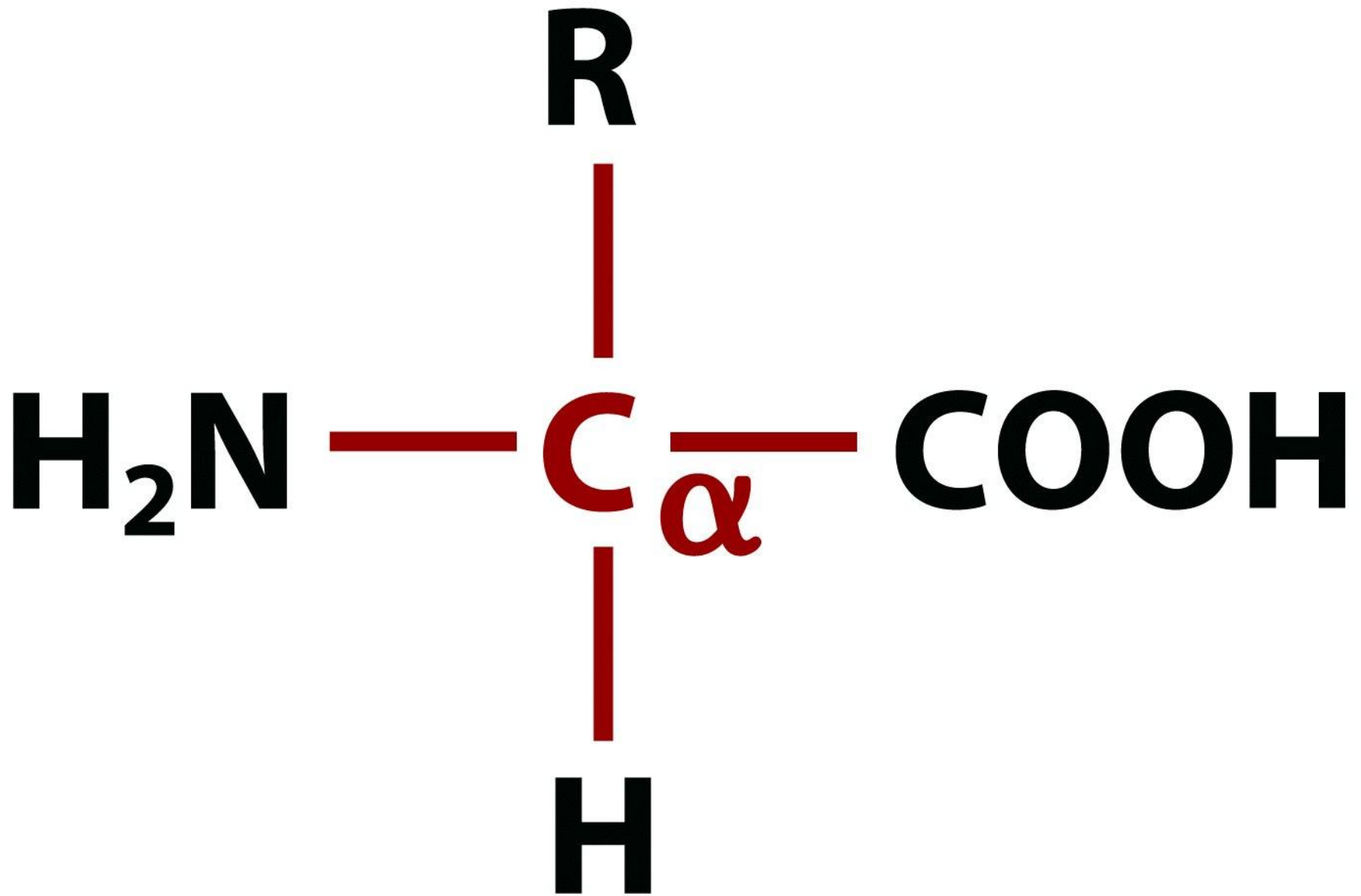


Figure 4-1 Fundamentals of Biochemistry, 2/e
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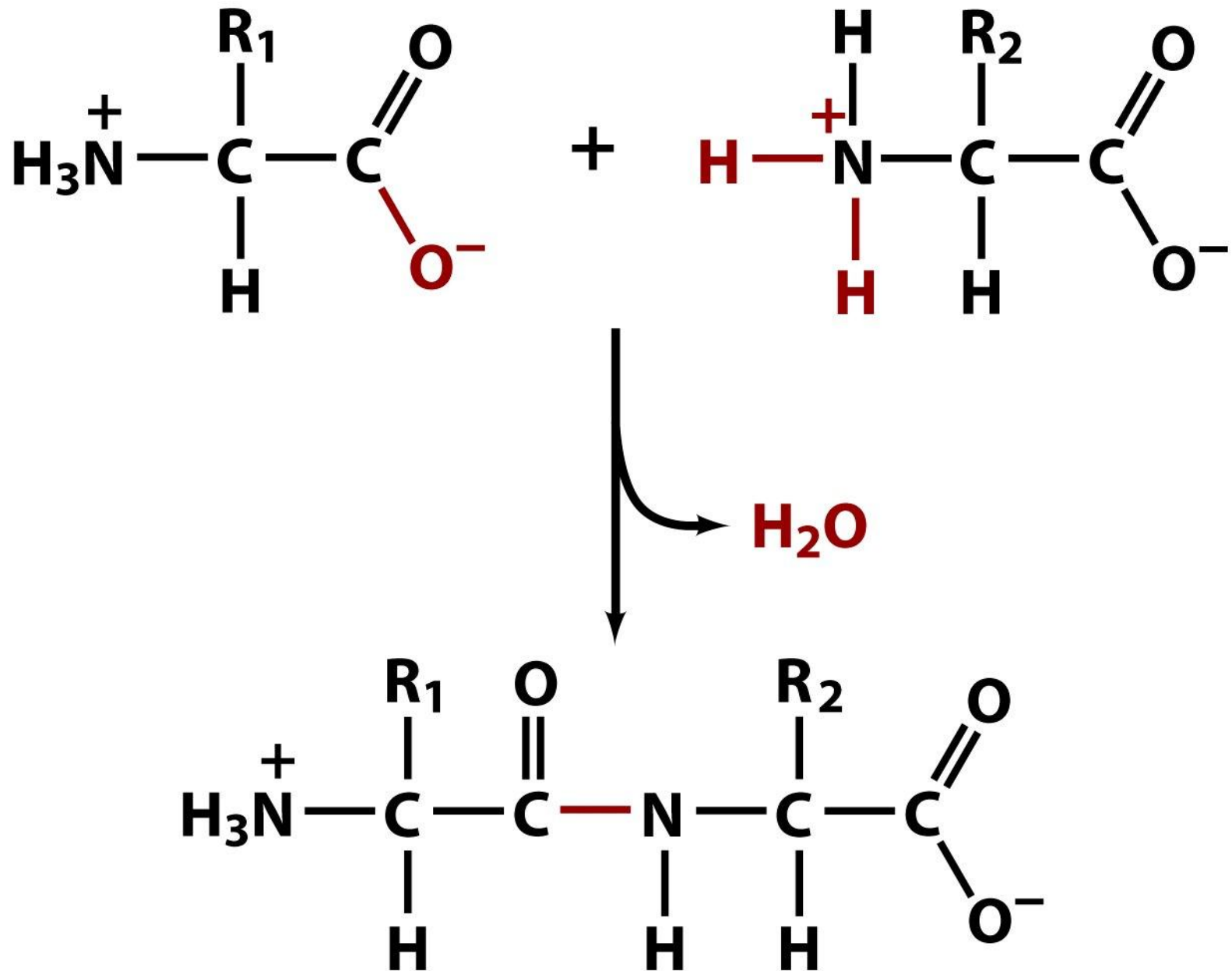
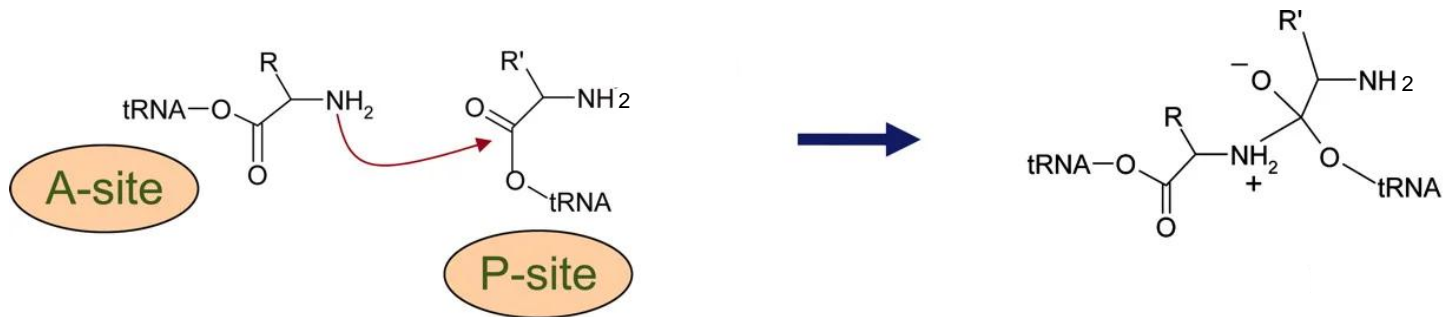


Figure 4-3 Fundamentals of Biochemistry, 2/e
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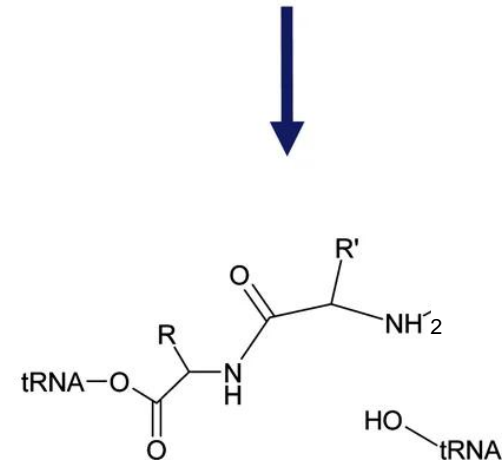
Mecanismo simplificado da formação da ligação peptídica nos ribossomos



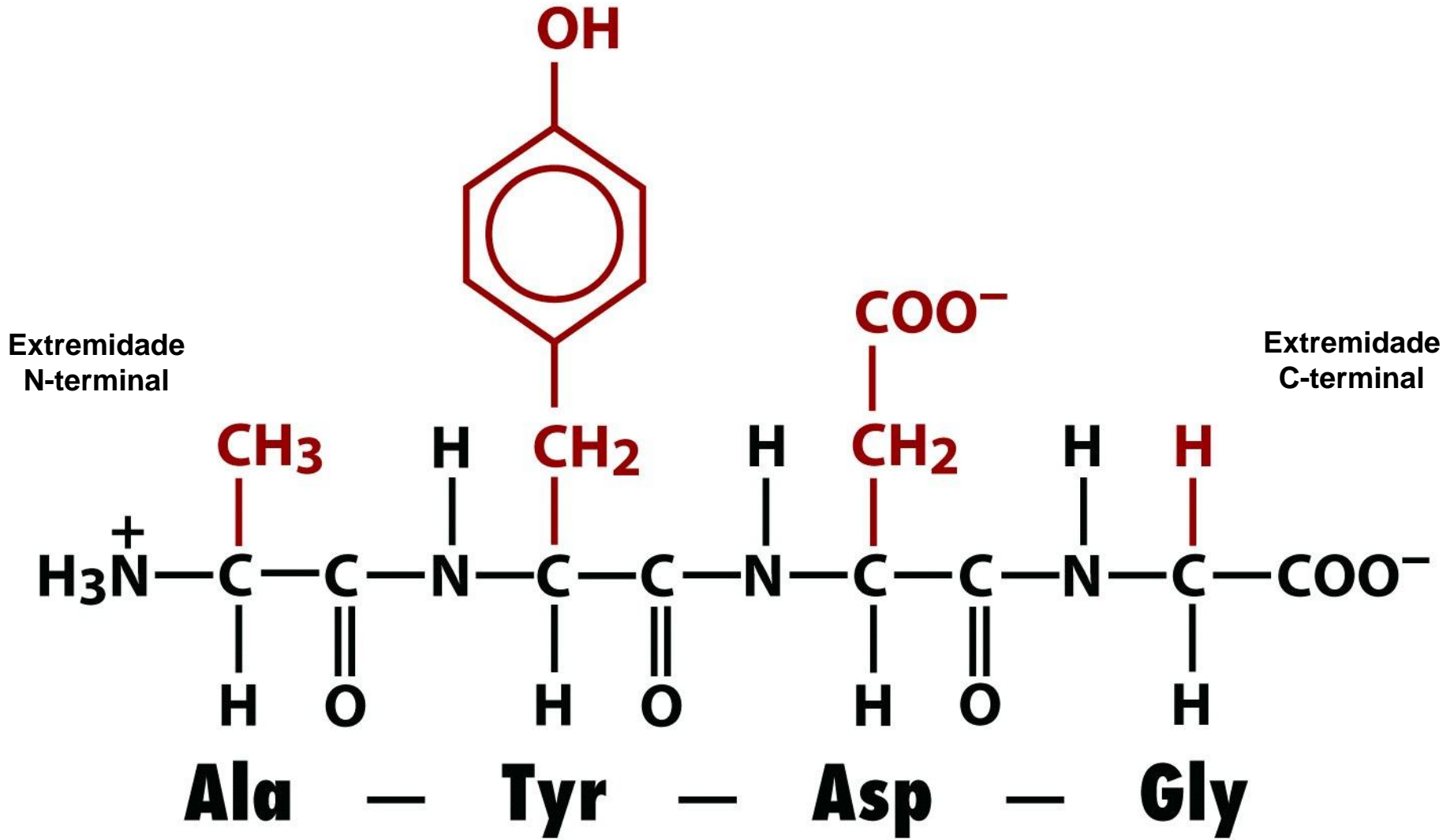
A ligação do aminoácido ao tRNA depende de ATP.

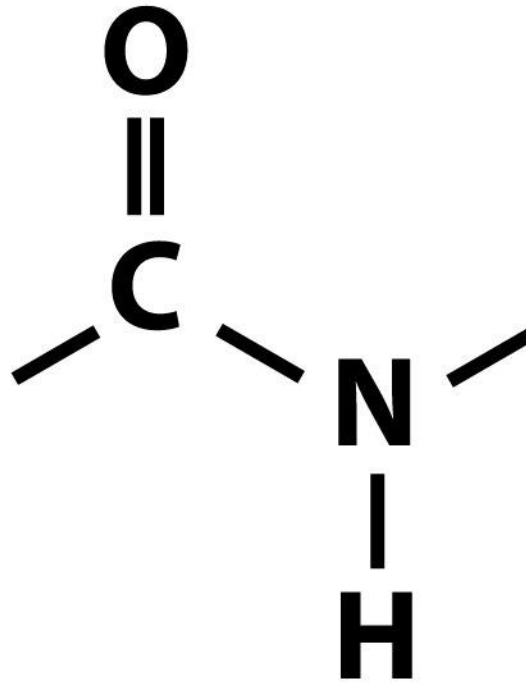
O aminoácido liga-se covalentemente pelo grupo α -carboxila à hidroxila 3 da ribose de um nucleotídeo do tRNA (extremidade 3').

Esta reação de formação da ligação peptídica ocorre no ribossomo.



Estrutura Primária





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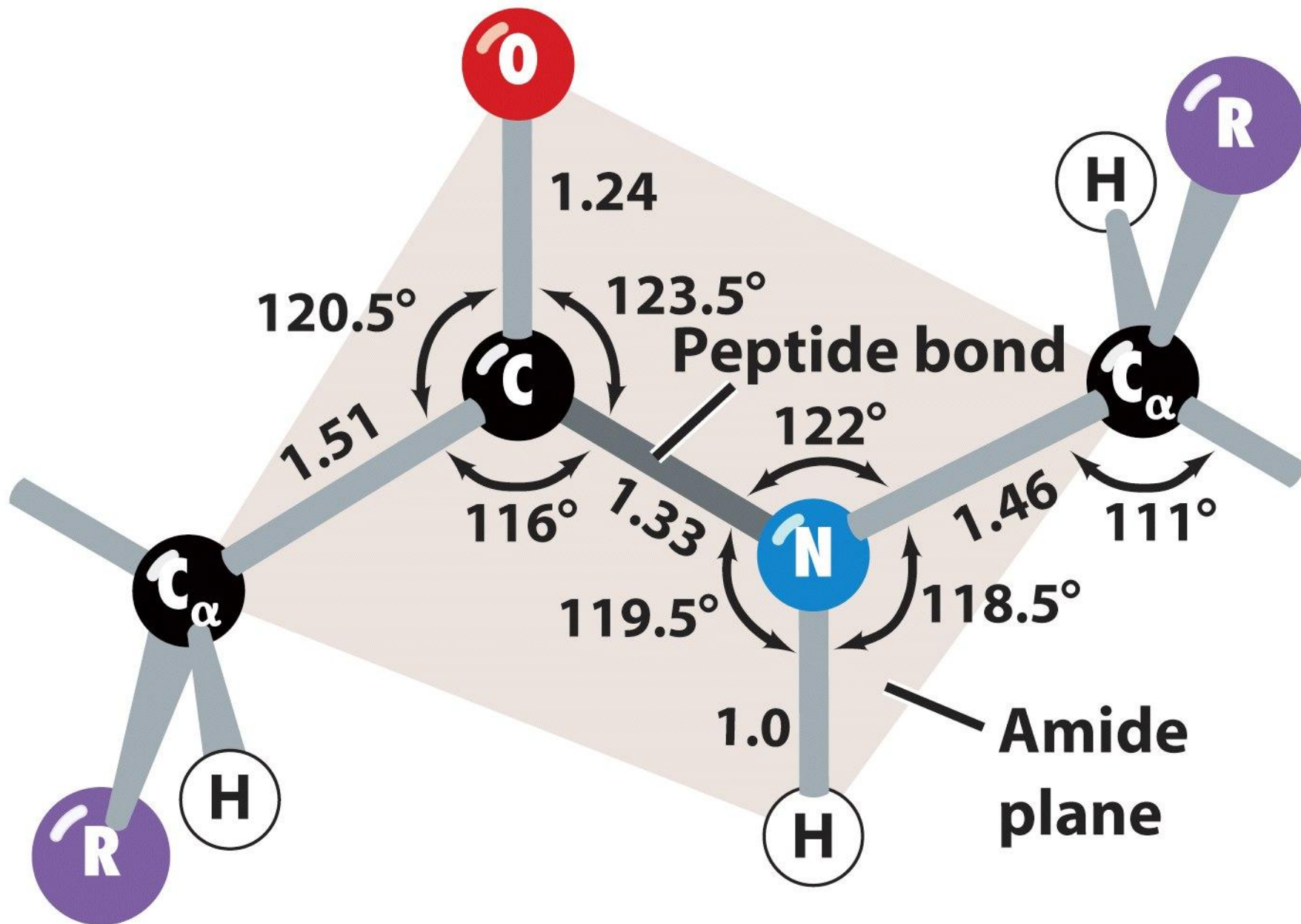
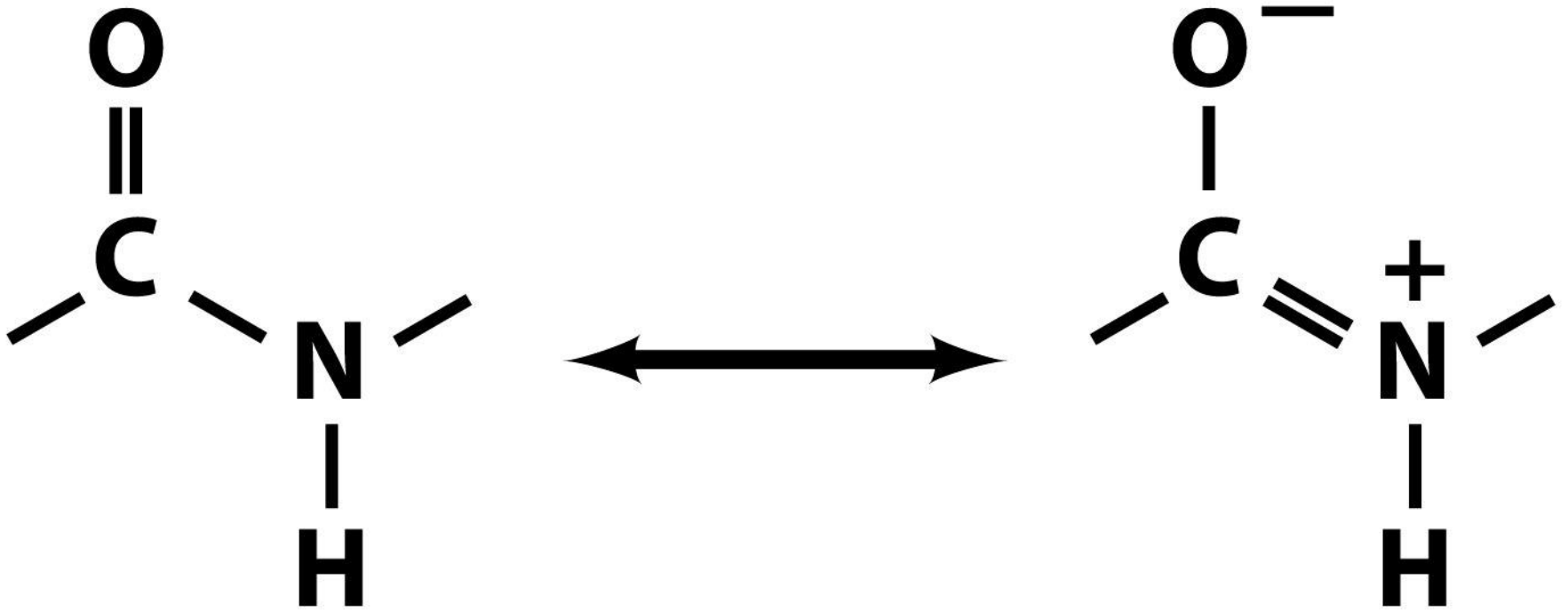


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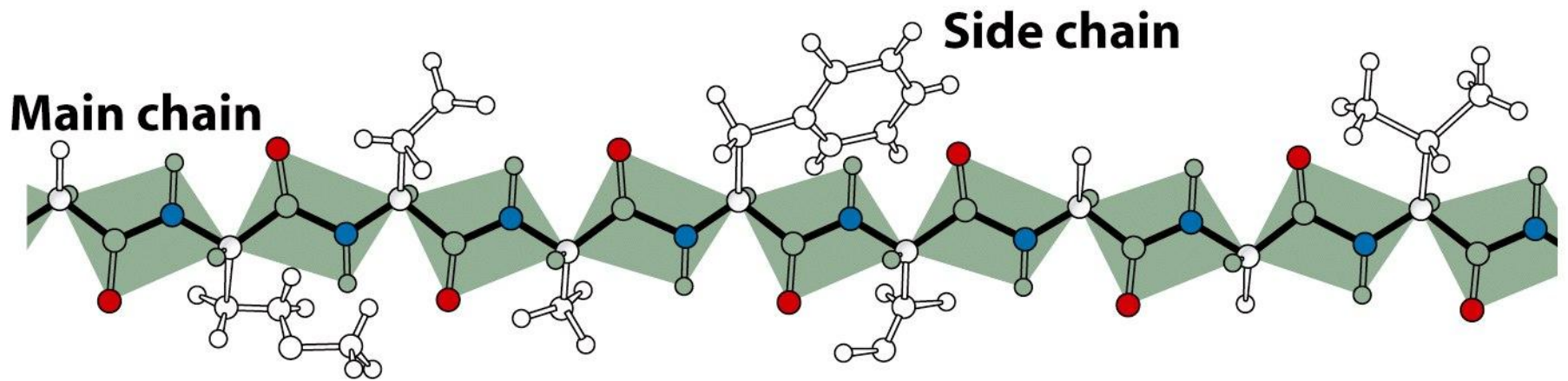
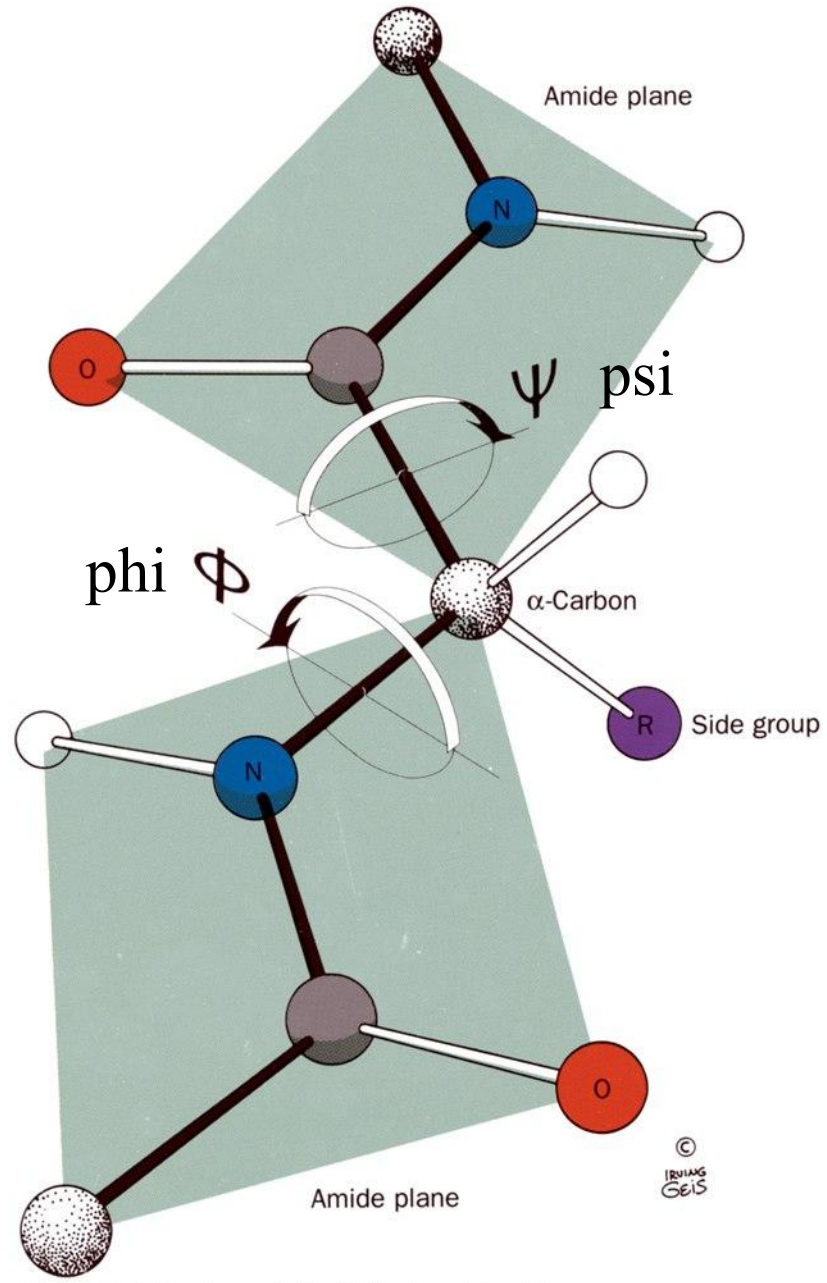


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Figure 6-4 Fundamentals of Biochemistry, 2/e

Plote de Ramachandram

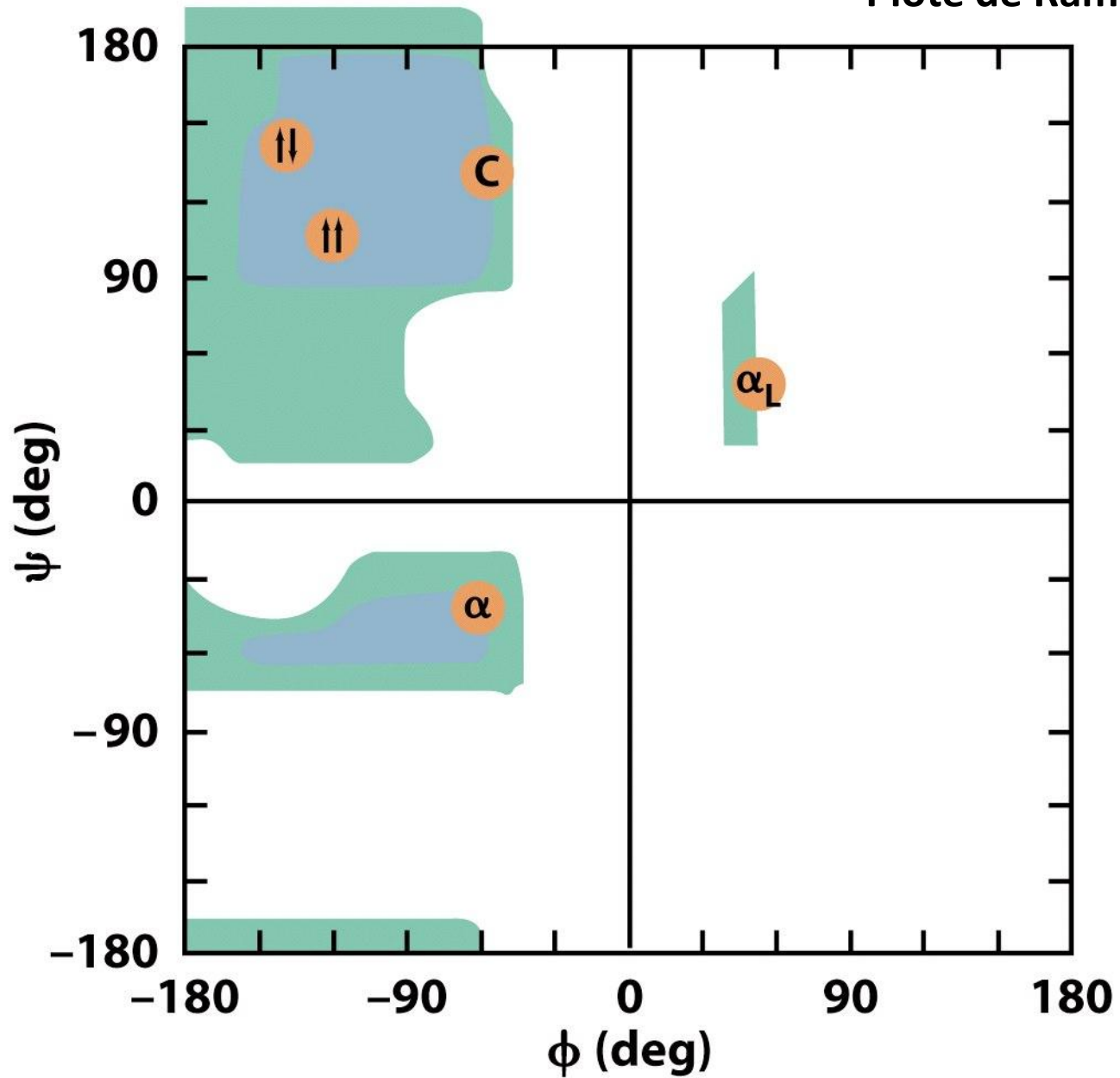


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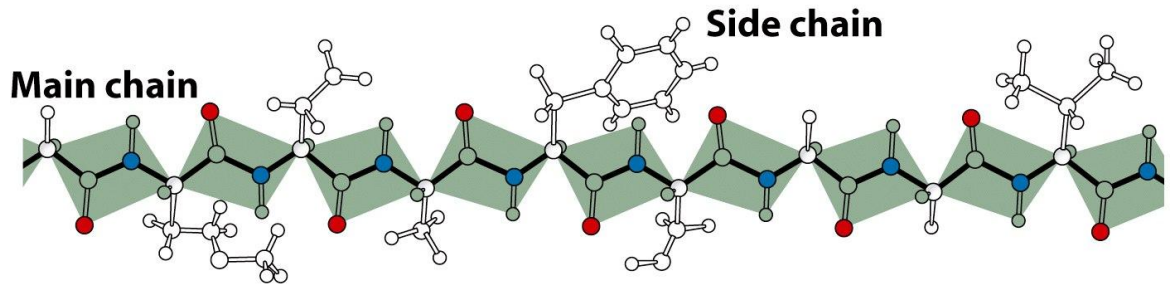
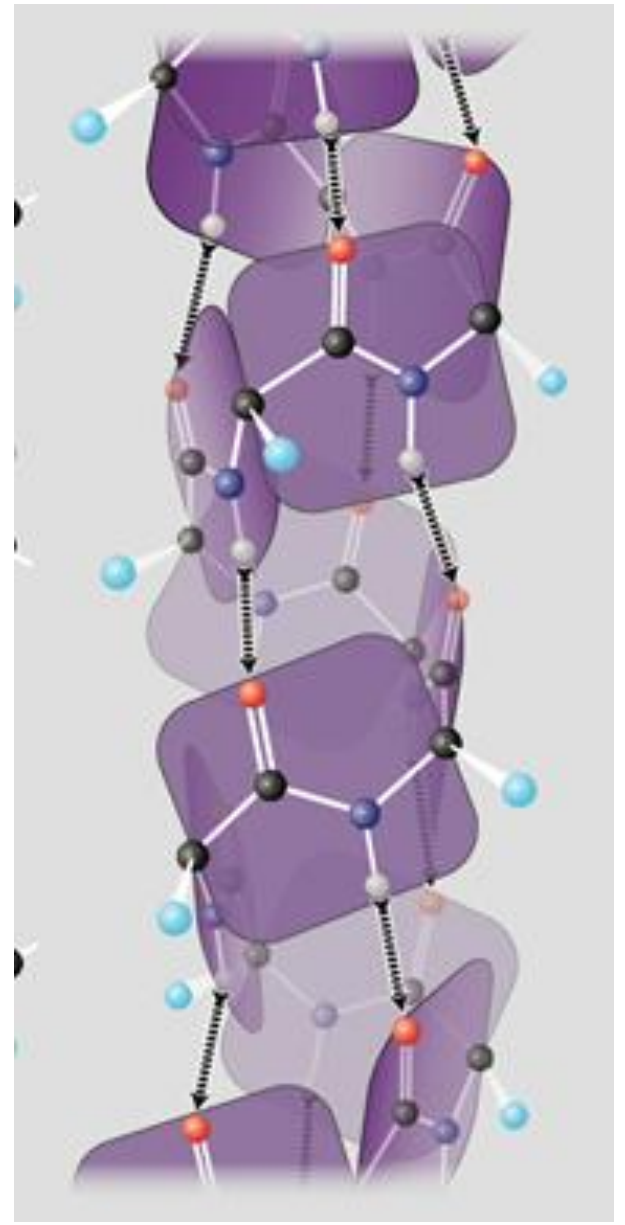


Figure 6-3 Fundamentals of Biochemistry, 2/e
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α Hélice

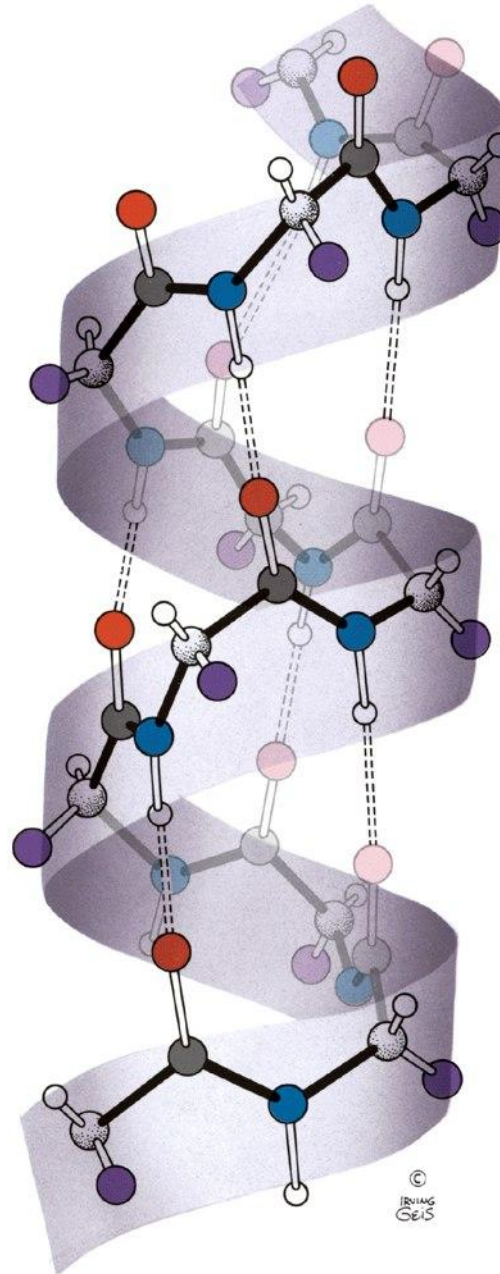


Figure 6-7 Fundamentals of Biochemistry, 2/e

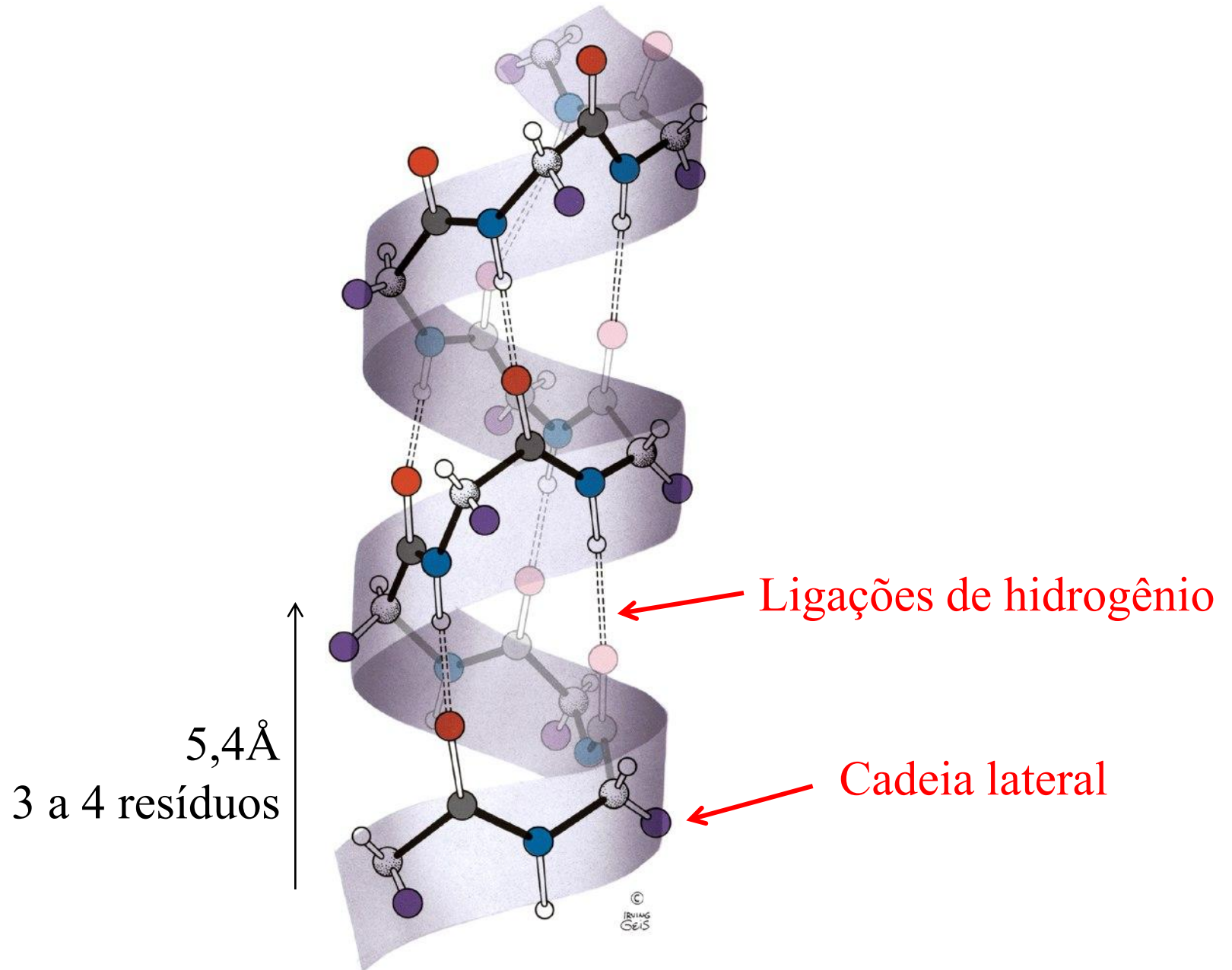


Figure 6-7 Fundamentals of Biochemistry, 2/e

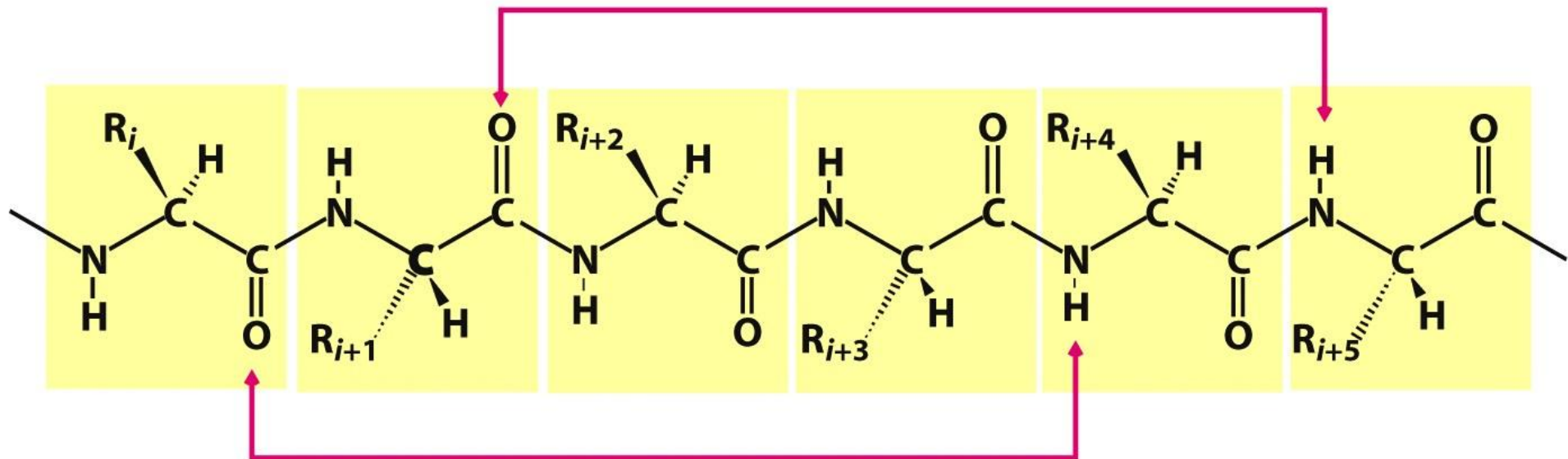
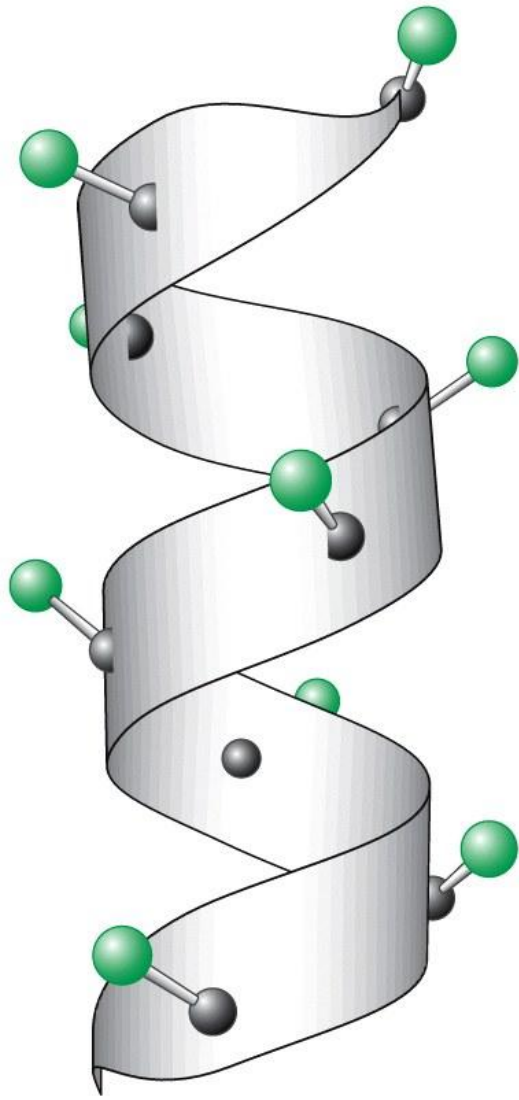
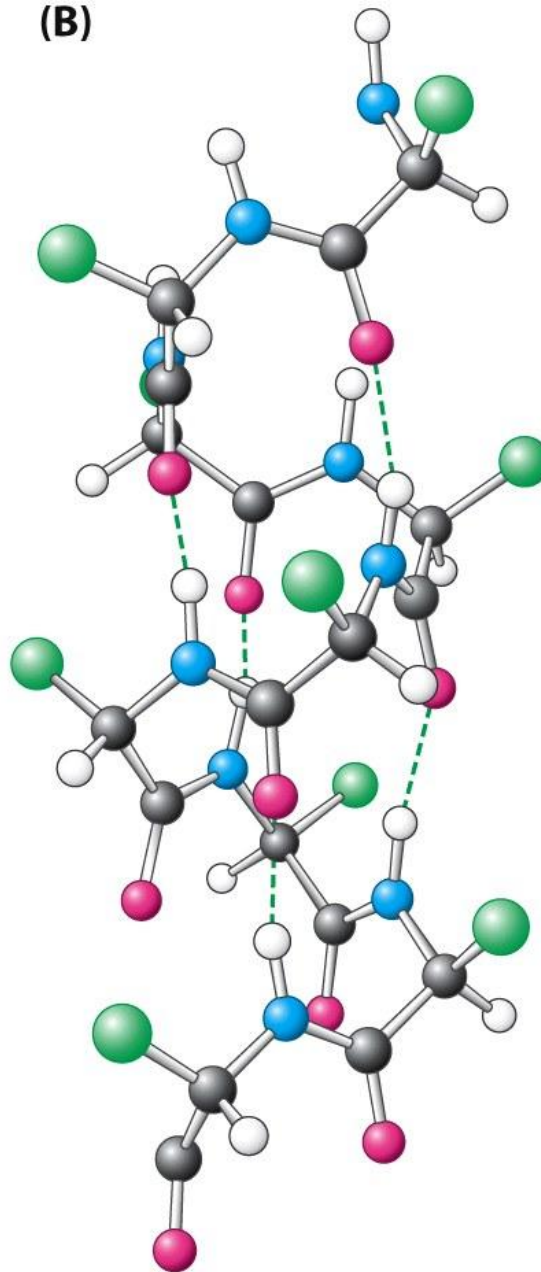


Figure 2.25
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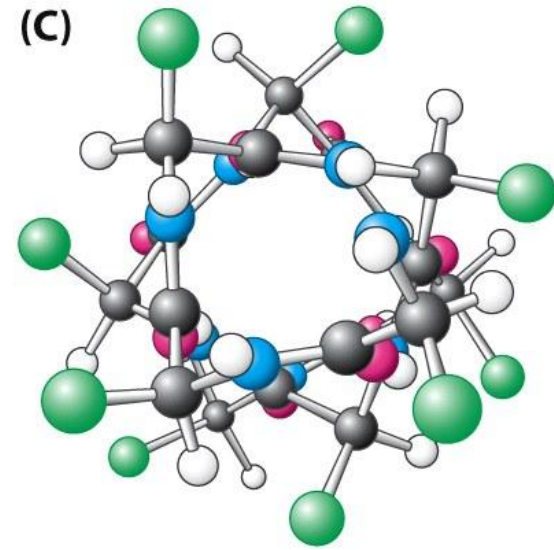
(A)



(B)



(C)



(D)

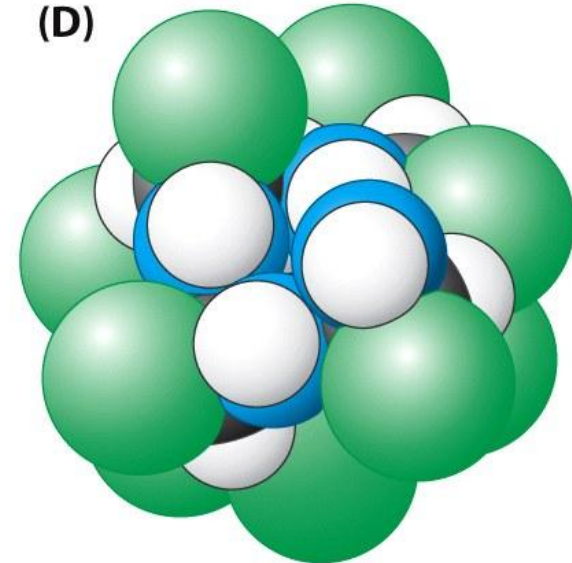
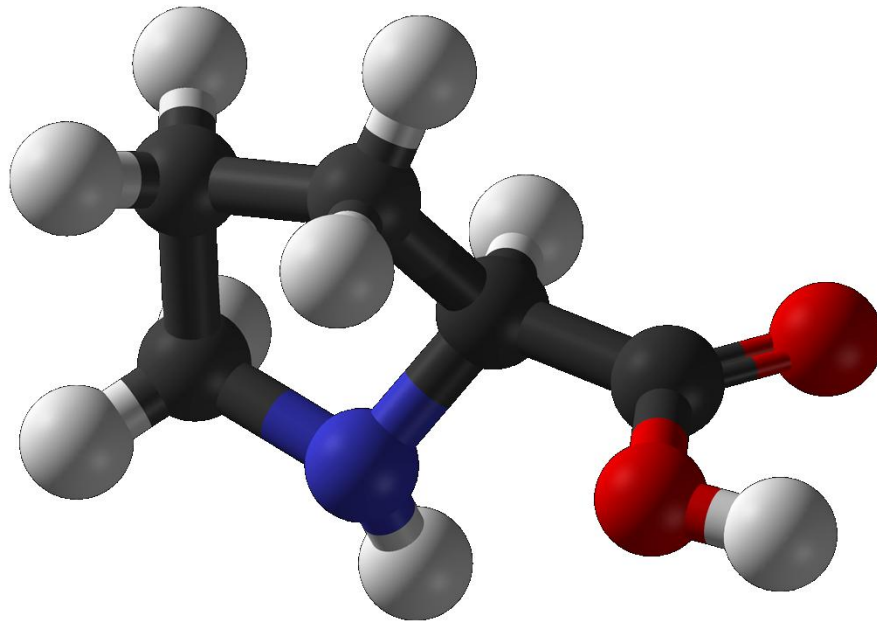


Figure 2.24
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Plote de Ramachandram

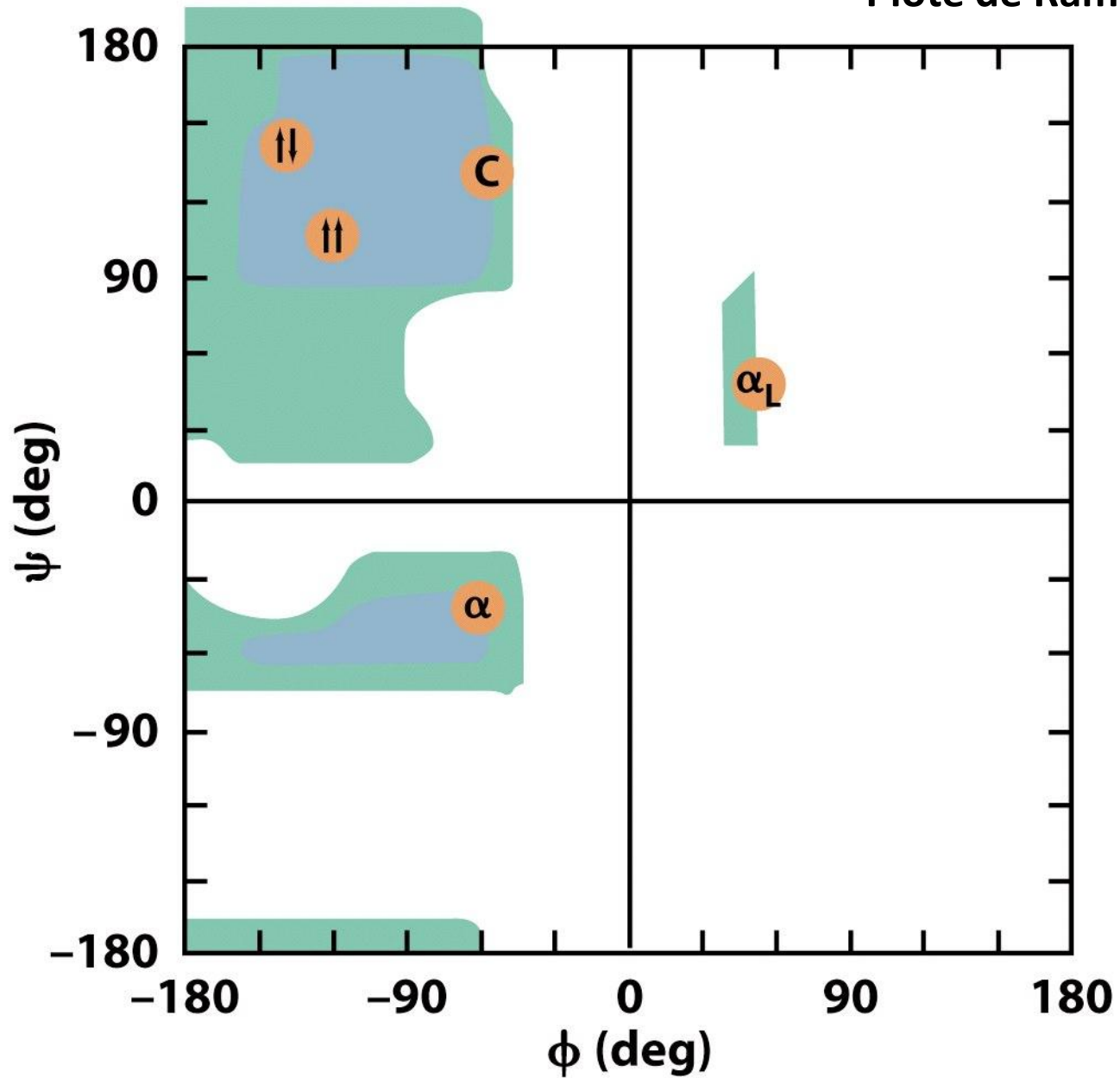


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Fita β

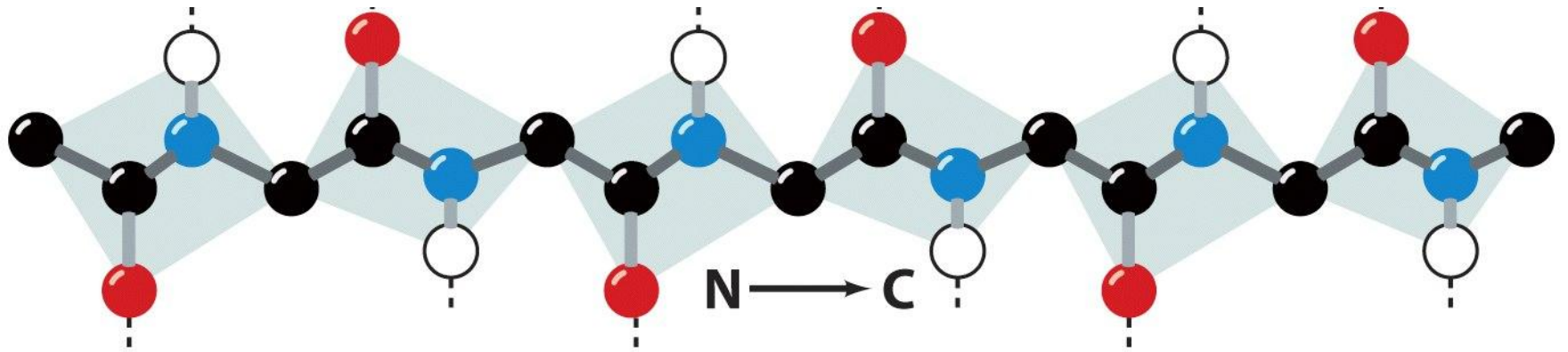


Figure 6-9a Fundamentals of Biochemistry, 2/e

Folha β β sheet

Antiparallel

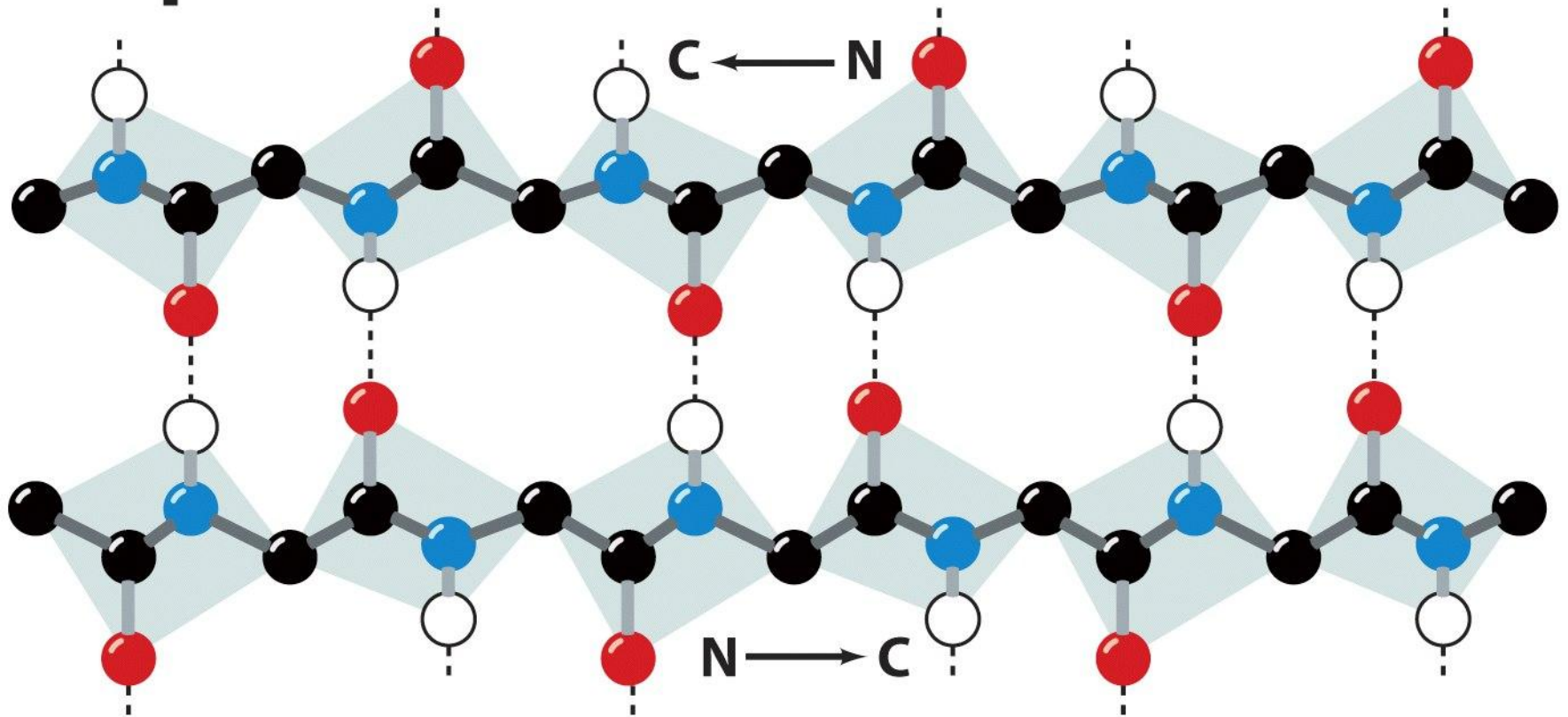


Figure 6-9a Fundamentals of Biochemistry, 2/e

Folha β β sheet

Parallel

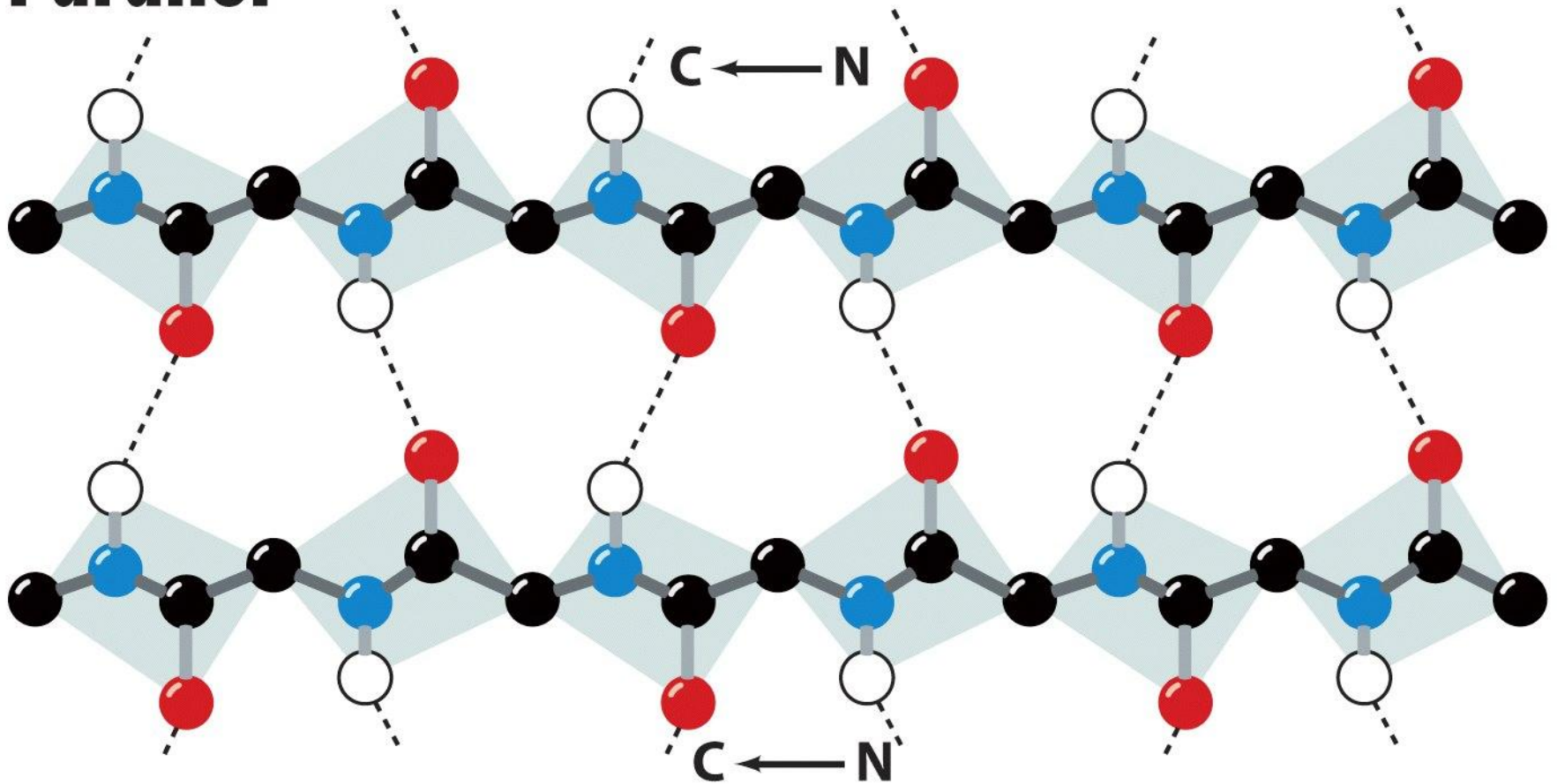
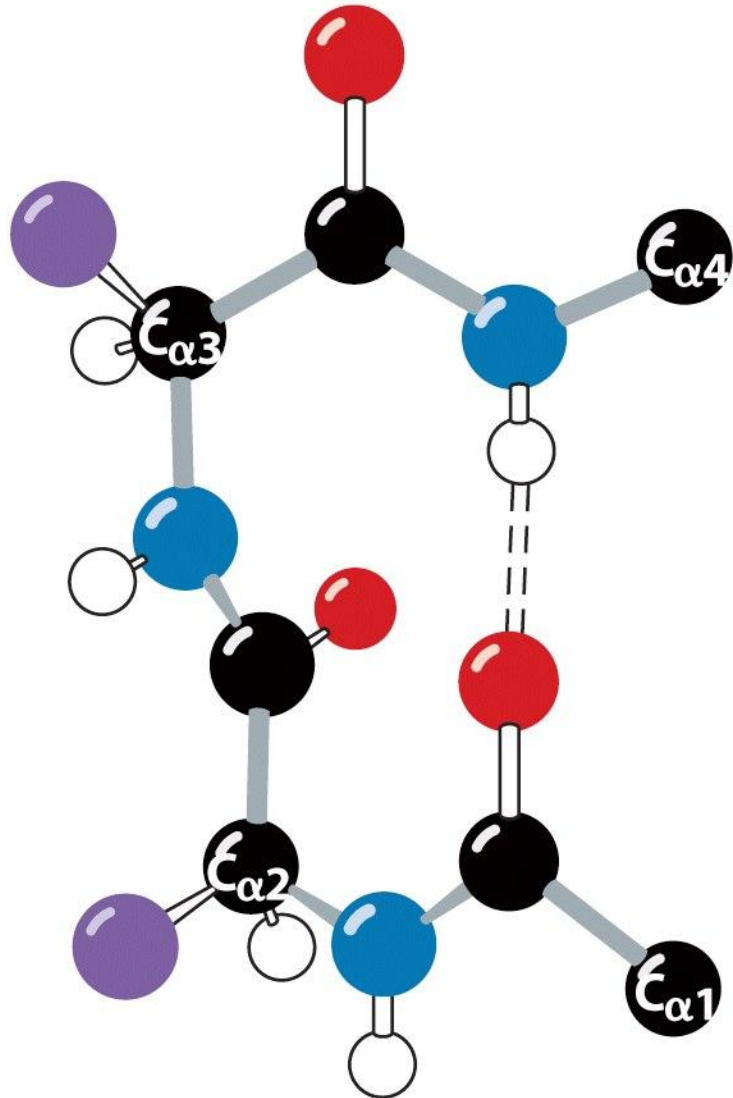


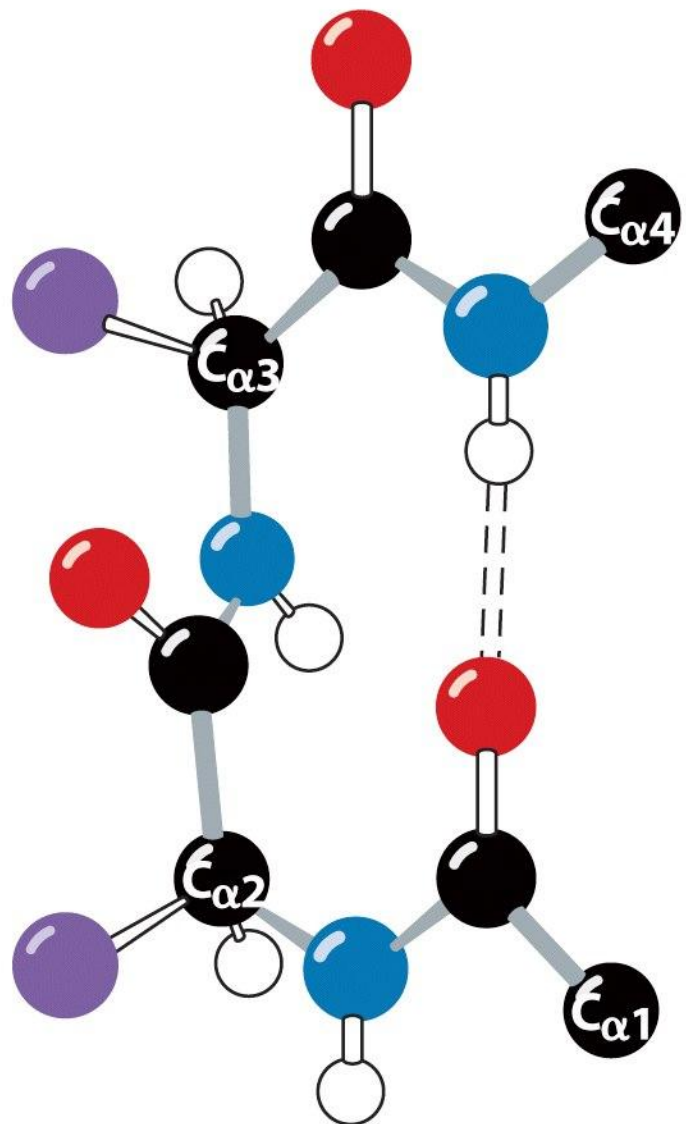
Figure 6-9b Fundamentals of Biochemistry, 2/e

Reverse β -Turn, Loop, Alça, Volta

(a) Type I



(b) Type II



Estrutura Secundária

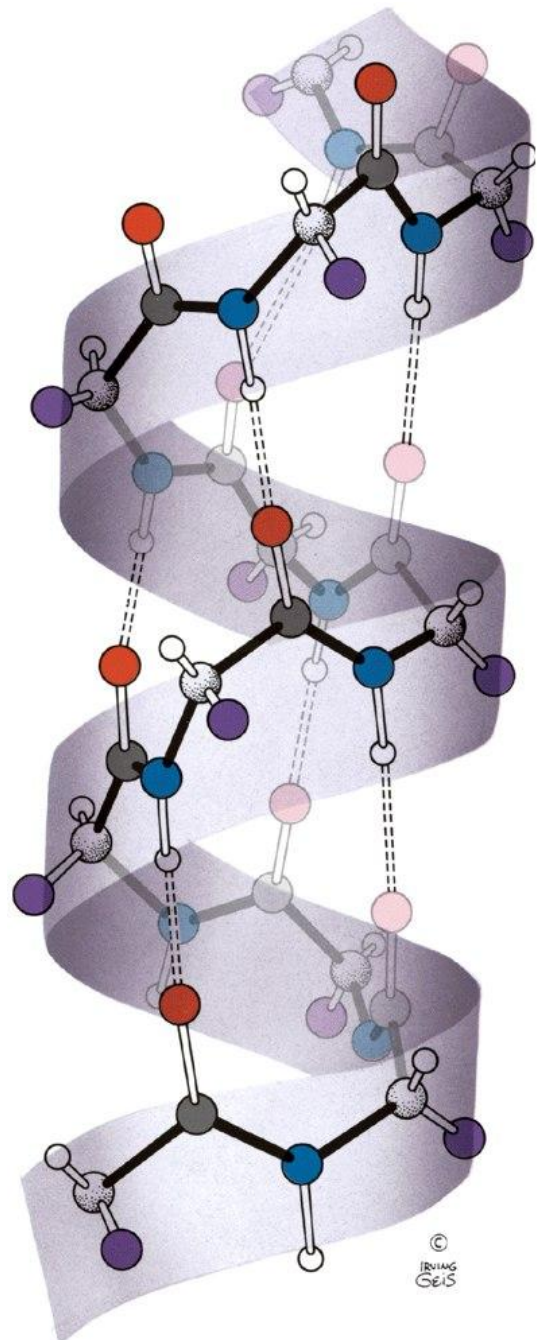


Figure 6-7 Fundamentals of Biochemistry, 2/e

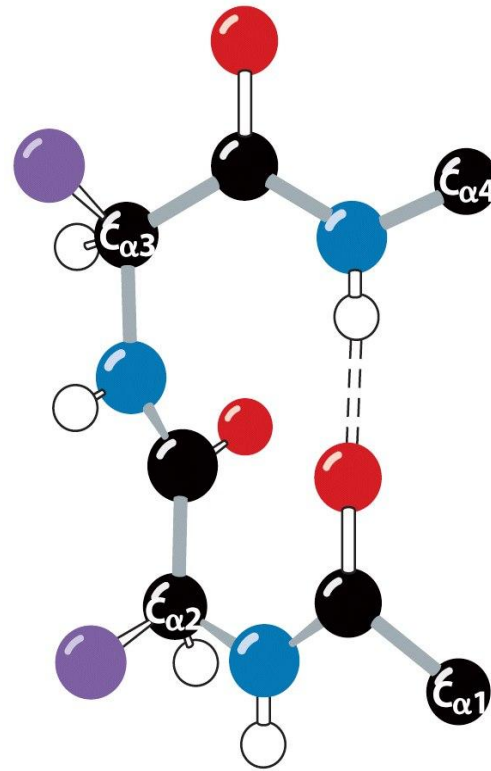


Figure 6-19 Fundamentals of Biochemistry, 2/e

Figure 6-9a Fundamentals of Biochemistry, 2/e

