

# **Assignment**

**Bioinformatics (Proteins and its domains, work-sheet)**

**Submitted to:**

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**FA17-BSCS-090**

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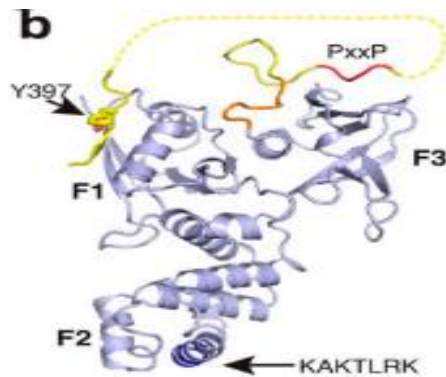
**July 10, 2020**



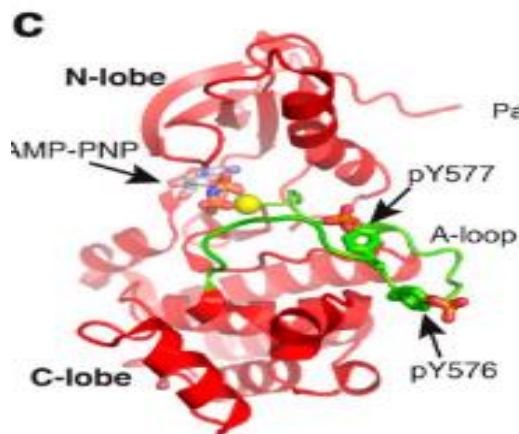
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**SAHIWAL CAMPUS**

### 1. Alpha: 8 Helix (F1: 3, F2: 4, F3: 1)

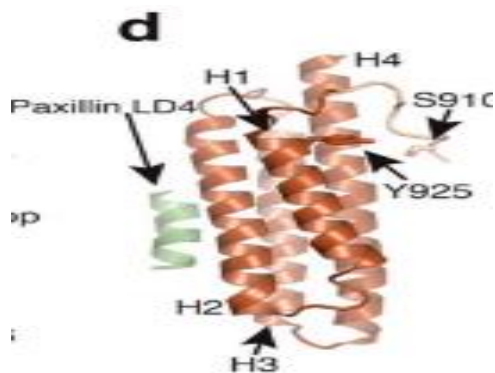


### 2. Globin fold (8 $\alpha$ -helix)



### 3. $\alpha$ -helix bundle

(Lone-helix in green,  $\alpha\alpha\alpha\alpha$ -helix bundle in brown)

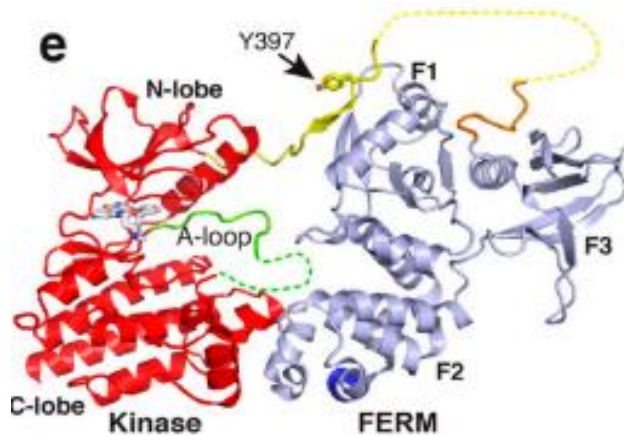


#### 4. 8 $\alpha$ -helix

(Domain 1, Red)

(Domain 2, Purple)

F1: 3, F2: 4, F3: 1



#### 5. 8 $\alpha$ -helix

(Domain 1, Purple)

F1: 3, F2: 4, F3: 1

(Domain 2, Sky blue)

F1: 3, F2: 4, F3: 1

