

The background of the slide features two large, detailed molecular models of protein complexes. These structures are rendered in a multi-colored ribbon style, with colors including blue, green, yellow, orange, and red, highlighting different structural elements or domains. They are positioned in the top-left and bottom-right corners, framing the central text.

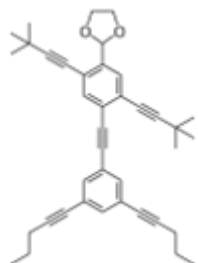
# ***Biomolecules Essay assignment***

**ELEC-E3260**

# Tell us a story about your molecule

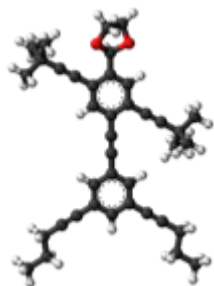
Hello World! My name is

*2-(2,5-bis(3,3-dimethylbut-1-ynyl)-4-(2-(3,5-di(pent-1-ynyl)phenyl)ethynyl)phenyl)-1,3-dioxolane*



molecule structure  
& properties

- When the molecule has been discovered? By whom?
- What was used the molecule for?
- What is the molecule (virus, polymer, etc.)? And what is its structure ?
- Properties which characterize the molecule
- Does the molecule have different packing scheme leading to different properties? what is its more common morphology?



Characterization  
technique and  
application(s)

- Take at least 3 properties from the molecule and which techniques we can used to characterize them (at least 3)
- Why can we use those techniques?
- What information can we have with each techniques?
- Present the results (graphs, pictures, etc.)
- Give the application(s) of that molecule nowadays

## Rules & Suggestions

- always cite your sources*** when you are sharing information (scientific papers and books are preferred, Wikipedia is not to be considered a peer-reviewed source)
- feel free to access as many sources you think you need
- if you are reporting on some properties/techniques/aspects that we did not go through during the class, please provide a brief background (including references)