



# **A day in the life of a Formulation Scientist**

Jean-Philippe Ganay, 12<sup>th</sup> September 2019

10<sup>th</sup> APS International PharmSci Conference

**Breakthroughs that  
change patients' lives**



# Background

- ▶ 6 years
  - ▶ Pharmacist
  - ▶ MSc in Pharmaceutical Sciences



- ▶ 1.5 years
  - ▶ Formulation Lab Coordinator



- ▶ 1.5 years
  - ▶ 6 month training period
  - ▶ 9 month Process Development Expert



- ▶ 2 years
  - ▶ 1 year Contractor
  - ▶ 1 year Scientist (full time employee)

# What does a typical day look like?

- Lab work
- ELN (Electronic Laboratory Notebook)
- Protocol and report writing
- Lab coordinator activities
- Multidisciplinary team meetings
- Chair departmental meeting



# What I like about my job

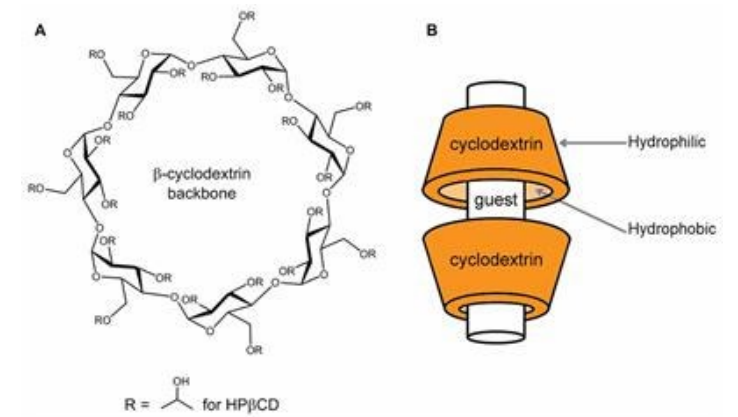
- Taking part in the development of potentially life saving novel drugs
- Use a wide variety of scientific knowledge, combining the data to solve problems
- Being an important part of the project team and influencing how it develops
- New technology development
- Lab work
- People



# Experiences in Pfizer

- Liquid formulation of poorly soluble drugs : clinical to commercial
- Technical transfer and clinical batch manufacture
- Filtration process optimisation and validation with an external vendor
- Taking part in job interviews
- Conferences
- Member of the APS New Scientist and Students Focus Group

Link : <https://www.apsgb.co.uk/focus-groups/new-scientists-and-students/>



# Growth in Pfizer

- From lab based to more responsibilities within the projects
- Chair departmental meeting
- Mentoring other colleagues
- Supervising an apprentice
- In a short period of time
- Individual development plan



# Questions



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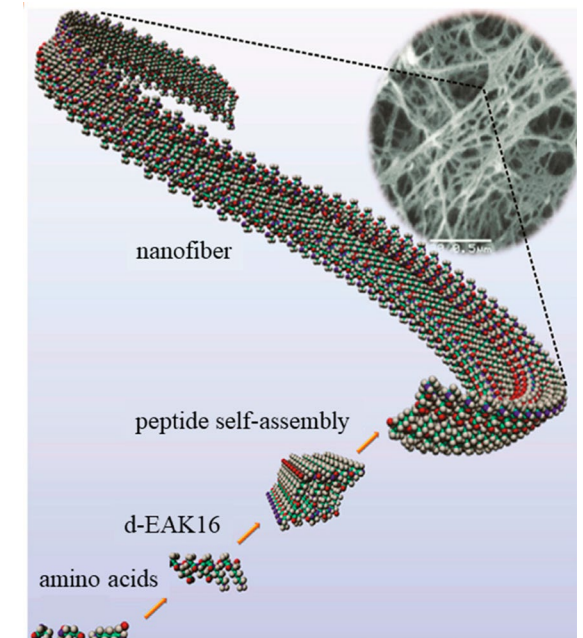


**Back up slides**



# Experiences prior Pfizer

- Formulation Lab Coordinator, IPSEN
  - Development of oral and parenteral formulations: early and late stage
  - Peptide formulation
  - Risk analysis on formulation and manufacturing process
  - Process scale-up and transfer to a CMO
  - Quality by design



# Experiences prior Pfizer

- Product and Process Specialist, Guerbet
  - Studies on parenteral formulations at laboratory and pilot scale
  - Writing of part 3.2P on a MA dossier
  - Project Management: manufacture of a submission batch
  - Process validation
  - Studies on an injectable drug at laboratory and pilot scales
  - Drug product characterisation (e.g. HPLC, capillary electrophoresis, rheology, osmolarity)
  - Design of experiments

