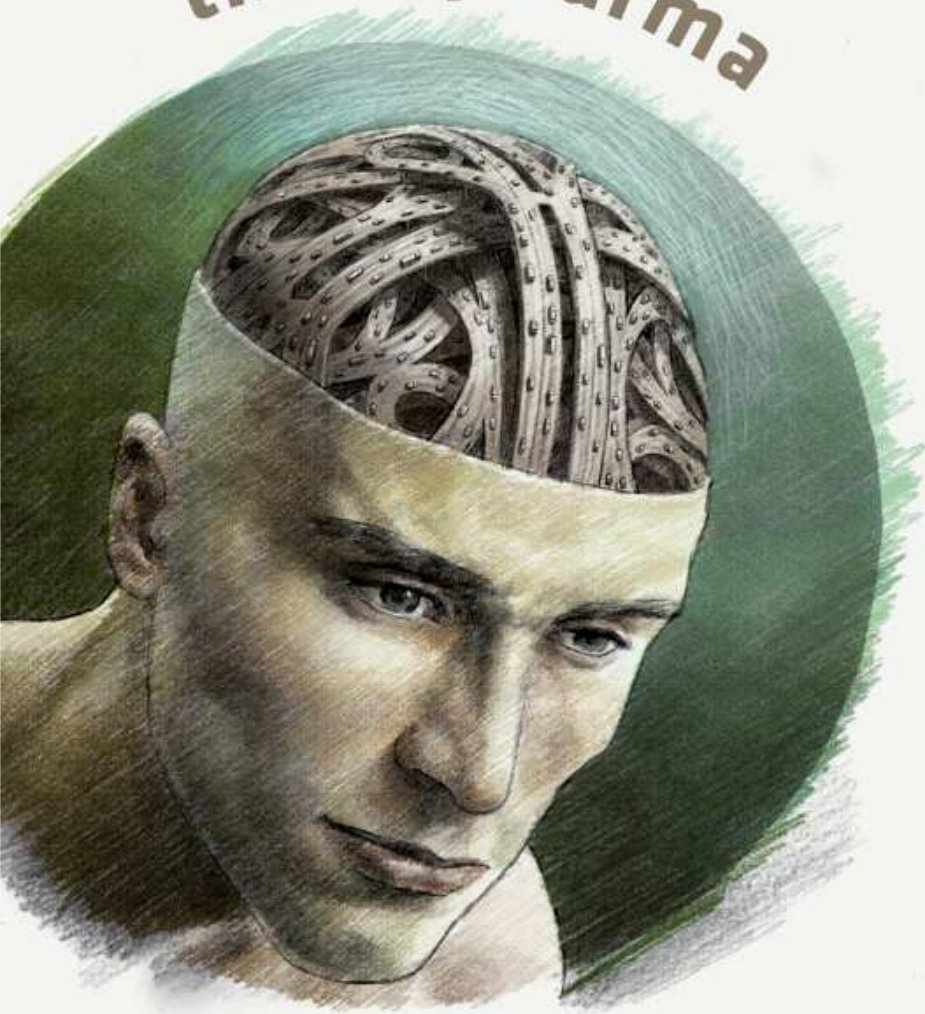


Think forward,
think pharma



University Joins Industry

SPEAKER

BARCELONA - 13th MARCH 2019

believe in life
Galenicum
PHARMACEUTICAL COMPANY

1. Role of your area within the Pharmaceutical Industry

QUALITY CONTROL ROLE

- The term **quality control** refers to all procedures undertaken to ensure the **identity, efficacy, safety and compliance** of a **particular pharmaceutical** by means of **testing**,
- Laboratory based inspection role all along the company operational chain
- Procedures may range from simple chemical tests (infrared spectroscopy, etc.), to more complicated requirements (chromatography, microbiology).
- Activities extend to the area of quality assurance:
 - GMP
 - Audits/Inspections
 - Release (CoAs, LIMS)
 - Investigations/ Deviations/ Complains



SUPPLIERS

API+ Excipients+Packaging Materials
Intermediates, In Process Controls
Final Products
Retain Samples

PATIENTS

1. Role of your area within the Pharmaceutical Industry

ANALYTICAL DEVELOPMENT AND RESEARCH (ARD) ROLE

- Analytical Development role is to develop tools to guide the pharmaceutical development in order to have robust, feasible and quality driven products and processes.
- Laboratory based innovation role based on high analytical and chemical knowledge.
- Different chemical test with different purpose (IP, quality, clinical driven) which some of them need to be transferred to QC as part of product specification.
- Activities extend to the area of regulatory department, galenical and manufacturing departments and usually uses external company knowledge



2. One day in the **QC** Office

- Planning daily activities with your team (resources allocation)
- Supervision and “release” activities (CoA generation, raw data revision...etc.)
- Troubleshooting
- Company team discussions (investigations, audit preparations, projects being transferred...etc.)

2. One day in the **ARD** Office

- Planning daily activities with analyst and galenical project leader
- Observation, Conclusion, Fine-tuning, Reanalysis, Observation, Conclusion...
- R&D team discussions (What does this result mean?,next steps..)
- Authorities Questions
- Reporting

3. What is the marked looking for?

QC

ARD

Technical skills

Pharmacy, Chemistry, Biology Degree
Analytical techniques
GMP, ISO Standards in Laboratories
Statistical Knowledge
English

Pharmacy, Chemistry
Analytical techniques
Instrumentation
Pharmaceutical Process
English

Soft Skills

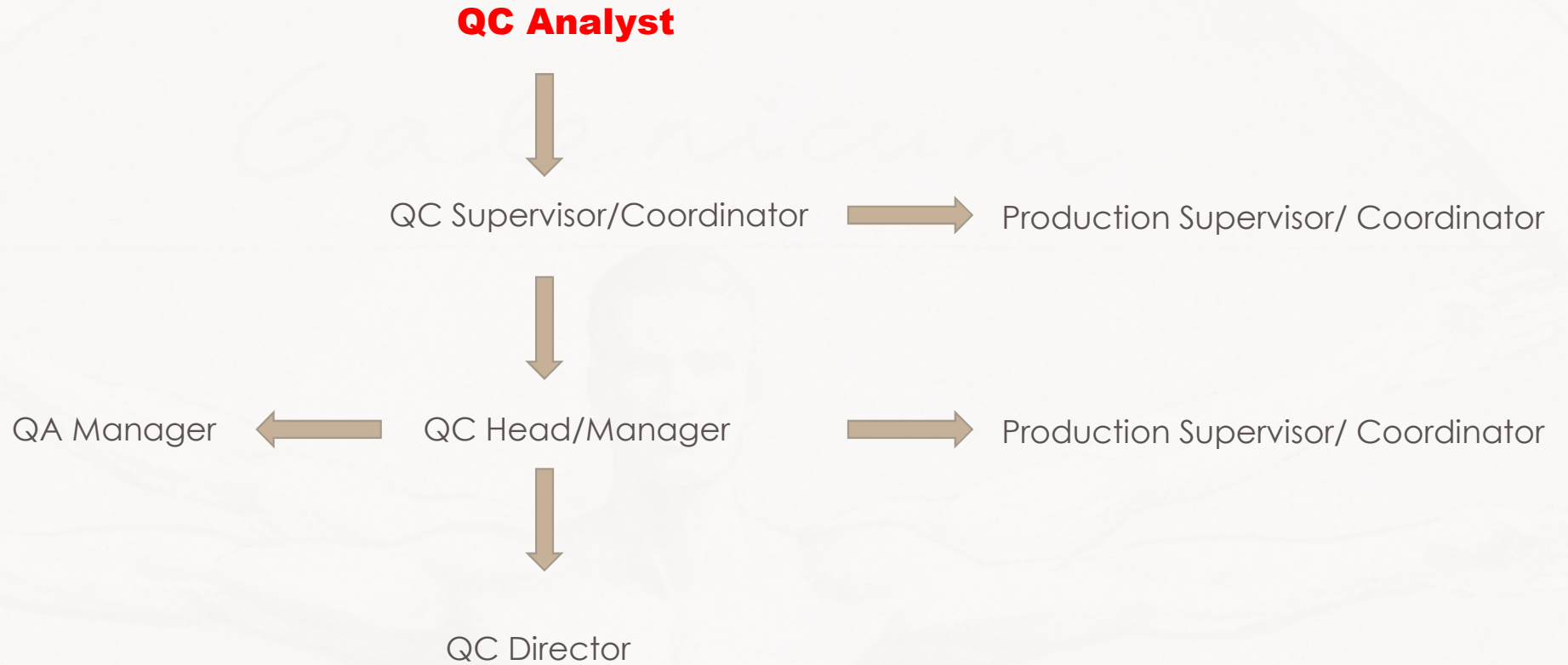
Detailed oriented person
Analytical and research skills

Ability for multitasking
Teamwork

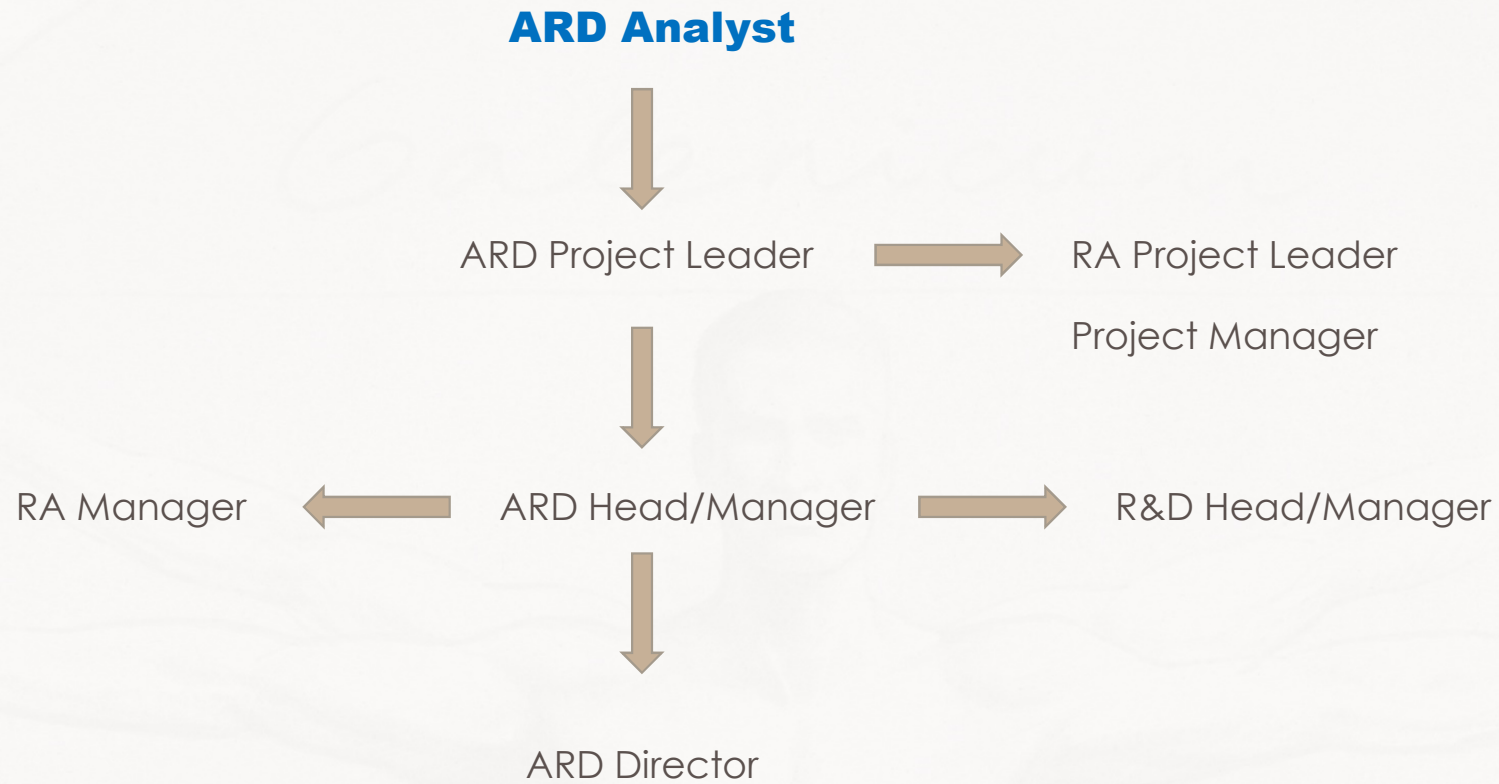
Result oriented person
Sound judgment and decision making

Communication skills
Project Management

5. QC Career development



5. **ARD** Career development



6. Life Science market evolution

<https://guiasalarial.hays.es/trabajador/home>

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Life Sciences

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Bienvenido al área de trabajador del sector Life Sciences

Desde aquí podrás conocer de primera mano las tendencias del sector, la evolución de los sueldos, los puestos de trabajo más demandados y una visión general de todo el mercado laboral.

¡Adelante!

¿Quieres saber cómo evolucionarán los salarios del sector Life Sciences en los próximos años?

Descubre cómo han evolucionado los salarios en los últimos años y qué tendencia de futuro se espera.

Ver más

Descargas

Guía Hays 2019

- Salary Estimation per position/location/experience
- Career plans
- More searched position
- Reasons for talent retention

7. Questions

1. **Do QA and QC department perform the same activities in the pharmaceutical industry?**

- a. Yes, they do and because of that both departments work under the same unit
- b. No, QA assures you are doing the right things, the right way while QC assures that the results of what you have done are the expected ones
- c. No, QA and QC are totally two independent departments in every single pharmaceutical industry
- d. No, because QC is the responsible department for releasing the product to the market

2. **Analytical Research and Development Department...**

- a. never participates in quality investigations for commercial products
- b. only develops the methods/tests that are finally used in the QC department
- c. needs to understand the process and the formula changes to correctly guide the development
- d. implies the use of limited analytical techniques

Thank you



Back-up

Goal

- Social Responsibility Program: give students facilities to access to the industry
- Share laboral market knowledge
- Attracting talented students for our internship program
- Creation and difusion of Galenicum brand and UB in the market.
- Networking

