



Trinity College Dublin

Coláiste na Tríonóide, Baile Átha Cliath
The University of Dublin

[Trinity Employability Award EY Level 3 Assessment Description Overview:](#)

At MSD Dunboyne Biologics, we are a highly committed team of champions, active in our network, delivering life-changing medicines to our patients. Striving to continually deliver value is key, while eliminating non-value work and leveraging technology. We are focused on right first time and continually improving the efficiency of our organization. Our behaviours include being positive, being accountable, being results driven as well as being an excellent manager of self and others.

Based on your participation in our workshop, this assignment examines an individual's ability to critically evaluate the use of existing and new technologies to progress the biopharmaceutical industry or the fact that people and their skillsets are what sets organisations apart. The assignment encapsulates two of the Trinity Graduate Attributes including 'To Communicate Effectively' and 'To Think Independently'. It encompasses the skillsets that MSD individuals demonstrate when delivering for our patients, including problem solving and critical thinking.

Stage 1: Report

Please write a report on the question below:

Digital 4.0

'Technologies are emerging and affecting our lives in ways that indicate we are at the beginning of a Fourth Industrial Revolution, a new era that builds and extends the impact of digitization in new and unanticipated ways. It is therefore worthwhile taking some time to consider exactly what kind of shifts we are experiencing.'

During our workshop, we highlighted the benefits Remote Assist and GATE can offer us to continuously develop our digital programme to enhance our business and learning environment.

Critically assess the statement above in relation to the biopharmaceutical industry. Using another example(s), effectively communicate your findings.

Guidelines

- Total word count is up to 1,500 words.
- Please include a title page and use Calibri (Body) font, size 11 for the report part of this assignment.
- The deadline for report submission is **Sunday, 21st November**.

All submissions can be sent to laura.bruen@merck.com under the subject title of "Trinity Level 3 Assessment."

Stage 2:

Three candidates will be shortlisted and then invited to Takeda to give a short presentation (10-15 minutes), during which you will discuss your report and the approach you took to research and prepare it. The presentations are expected to take place on **Monday, 29th November** from 14:00-16:00 virtually.

How to prepare:

The adjudicators, both in assessing the report and the presentation will focus on your ability to demonstrate your skills across a few areas. Your report, and your presentation, should showcase your own unique take on the topic (showing original thinking and creativity) and also the depth of research you have put into the assignment enabling you to draw conclusions and recommendations (showing critical analysis and reasoning).

Your report should be clear, concise and easy to navigate (showing communication and the ability to articulate clearly within a limited word count). In addition, you should be able to demonstrate the initiative you took to actively learn about the topic and how you used the knowledge you gained at the MSD workshop.

Timeline:

- Deadline for report submission is **Sunday, 21st November**. All submissions can be sent to *laura.bruen@merck.com* under the subject title of "Trinity Level 3 Assessment."
- Students will be notified of shortlisting by **Friday, 26th November** and presentations are expected to take place on **Monday, 29th November 2021** (virtually).

Useful Links/Articles (Digital 4.0):

<https://www.youtube.com/watch?v=kpW9JcWxKq0&t=459s>

<https://www.bcg.com/capabilities/operations/embracing-industry-4.0-rediscovering-growth.aspx>

<https://www.youtube.com/watch?v=V732PXZHLiU>