

## Curriculum Vitae

Personal information **Garreth Byrne**

### Work experience

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November 2021 - present  
Scientific Officer  
HPRA  
Ireland  
Pharmacovigilance compliance & surveillance, Pharmaceutical assessment of article 61(3) applications, parallel product import applications, PPA variations, MR Type IB variations.

March 2021 - Oct 2021  
Operations Specialist  
IQVIA  
Ireland  
Regulatory reporting for clinical trials and post marketing, line listings, PSURs/PBRERs, DSURs.

### Education and training

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September 2023 - present  
P.Grad. Diploma Statistic and Data Science (part-time)  
Trinity College Dublin  
Ireland  
Statistics, data analysis, data visualisation, experimental design, linear regression, multivariate analysis, machine learning, SQL, R, Python

September 2019 - August 2020  
MSc Biotechnology and Business  
University College Dublin  
Ireland  
Pharmacology, biotechnology, corporate finance, regulatory affairs in science, medical devices, medical diagnostics, toxicology

September 2015 - May 2019  
BA Neuroscience  
Trinity College Dublin  
Ireland  
Genetics, statistics, neuropharmacology, neurodegenerative diseases, neurobiology, chemistry, neurochemistry, neuroanatomy, neurophysiology, memory engram histology, immunofluorescence

### Additional information

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#### Publications

#### Projects

Structural Plasticity and Histological Analysis of Memory Engram Cells  
Research thesis used histological and immunohistochemical staining techniques to study the dendritic morphologies of the cells responsible for storing memory representations in the dentate gyrus. These cells are known as engram cells and their morphologies were analysed with an array of techniques including 3D/2D Sholl analysis, polar histograms and 3D reconstruction.

#### Memberships

#### Other Relevant Information