

My Career Journey into Pharma

Dr Amanda Kennedy

Overview

- University of Edinburgh
- Nanyang Technological University
- GlaxoSmithKline
- University of Cambridge
- AstraZeneca



University of Edinburgh



- Undergraduate Degree
 - ✓ MChem in Medicinal and Biological Chemistry
- Lectures
- Tutorials
- Teaching Labs
- Project work

- Year abroad with Industrial Experience



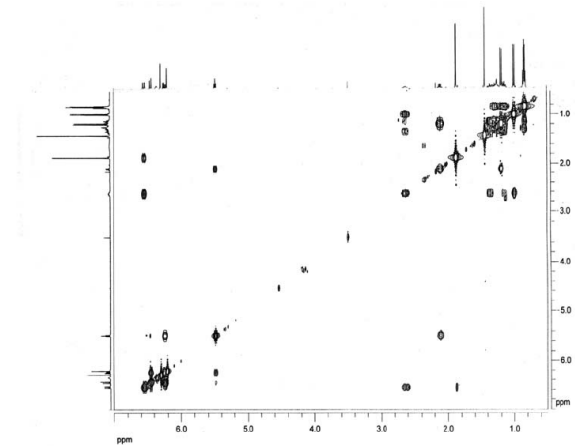
Year abroad - Singapore



Nanyang Technological University, Singapore



- Biology, Chemistry and Physics



GlaxoSmithKline, Singapore

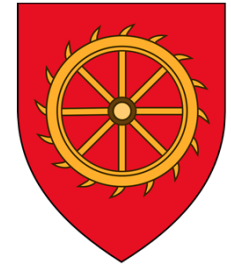
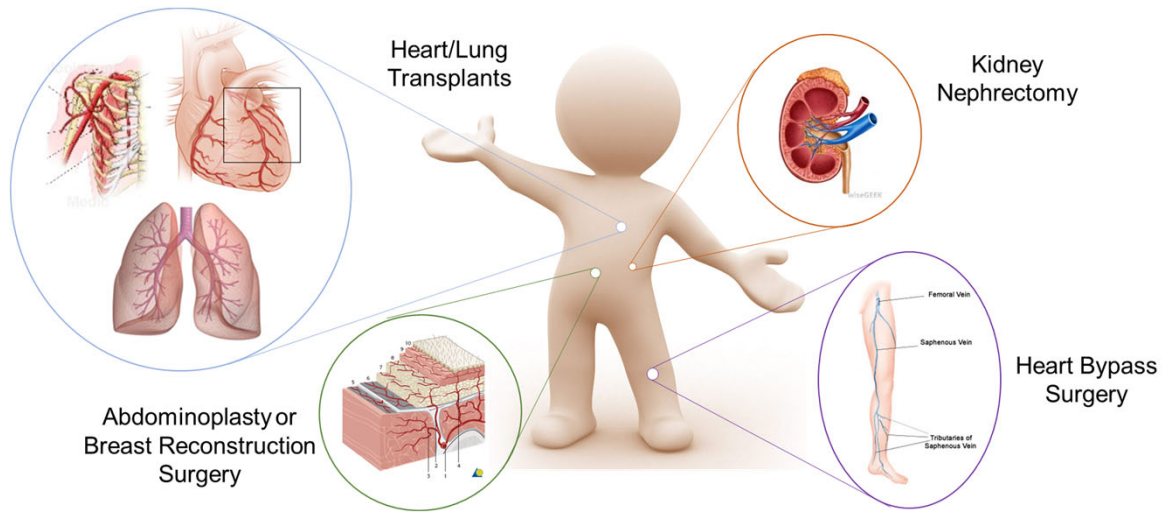
- Synthetic Chemistry



University of Cambridge

- PhD sponsored by the BHF

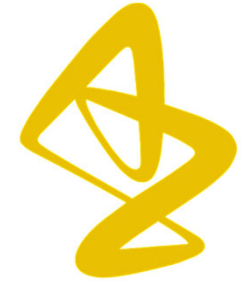
Why do our blood vessels contract?



Postdoc - Gothenburg



AstraZeneca, Gothenburg



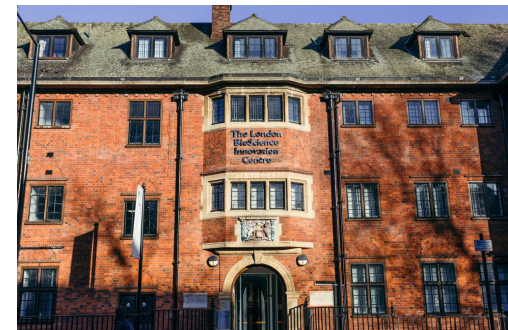
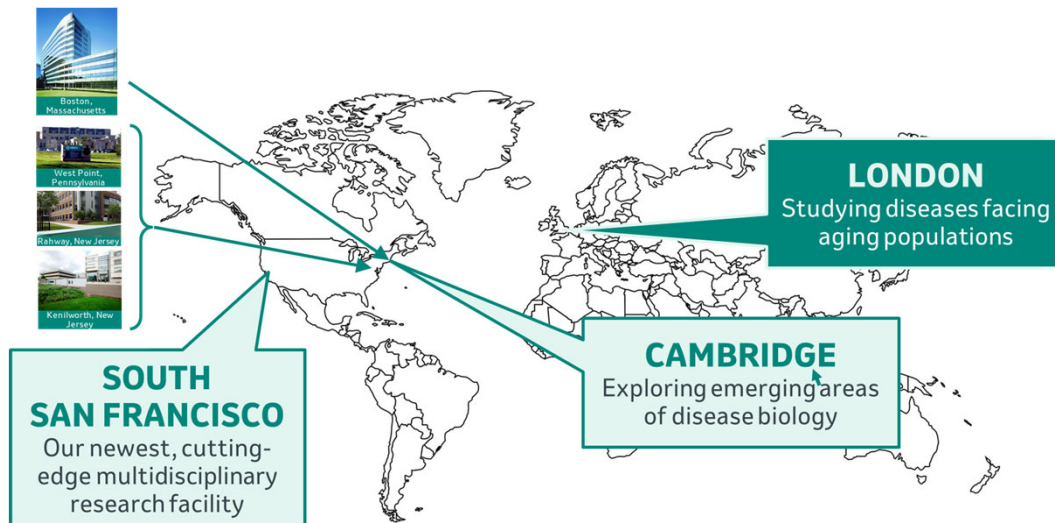
- 3 year Post Doctoral research project – IMED Postdoc Programme
- Collaboration with Uppsala University and the University of Glasgow
- Academic research in industry environment
- Early discovery in the drug development process



MSD London



- Senior Scientist in the Pharmacology team



- Modality-agnostic approach to drug discovery
- Therapeutic-agnostic across a number of disease areas

MSD London Discovery Centre @ The Crick

- State-of-the-art chemistry and pharmacology suite
- 27 drug discovery scientists
- Medicinal chemistry, computational chemistry, DMPK, pharmacology, structural biology
- Fully integrated into global MSD network
- Access to all the Crick's Science Technology Platforms
 - Proteomics
 - Structural biology
 - Metabolomics
 - Many more...
- Academic collaborations



DEMENTIA
Consortium



Imperial College
London



MSD London – Belgrove House



An interdisciplinary drug discovery centre:

- Medicinal chemistry
- Computational chemistry
- Analytical R&D
- Pharmacology
- Chemical biology
- Genetics/Genomic
- Protein Sciences
- Biomarkers
- Clinical Pharmacology
- Process chemistry
- TA Biology
- DMPK
- Biologics
- Structural biology
- Pharmaceutical sciences
- Bioinformatics
- Safety sciences
- Cell Biology

... in one building along with our business development and licencing colleagues.

Summary

- Ask lots of questions
 - Meet as many people as possible
 - Make decisions by doing what you enjoy at the time
-
- Science is a fundamental understanding.
 - Science is collaboration.
 - Pharmaceutical companies are science-driven.