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## PERSONAL INFORMATION

Dr. OLADELE OLAJIDE ONADA

## JOB APPLIED FOR

**Nanoparticle PhD. Grade Point Average 3.3 (4). 88 Percentile. Grade B**

A highly skilled medical doctor with background in Human Medicine with many years work experience in Irish public hospitals with excellent research skills and knowledge gained in molecular biology and biotechnology in Queens University and through life long learning seeking PhD.

## MSc RESEARCH SKILLS:

**Protein Structure and Function: Grade 55%**

**Advanced Molecular Biology Module: Grade 59%**

**Bioinformatics:** I obtained practical skills in sequence analysis with the use of Blastn, protein database search, interpretation of nucleotide sequence analysis and interpretation of Blastn search. Bioinformatics in protein structure visualization. In addition, I obtained skills in literature review.

**Biotechnology Module: Individual Literature Review: Grade 67%**

**Title: New Trends in Bacteriophage Therapy (3,500 Words)**

**Skills:** I obtained skills in literature review with in-depth search of scientific literature databases. The literature review was written in Chapters and it was like writing a book. I presented the preview in a power point presentation. **Systems Pharmacology, Systems Biology, Systems Biomedicine.**

**Literature Review Module (5,500 Words): Grade: 65%**

**Molecular Signalling Pathway:**

**Title: Targeting KRAS Mutations in Colorectal Cancers**

**Skills:** I obtained in-depth knowledge about interpretation of research results from literature reviews. Computational skills in words computer programs and its applications to literature reviews. The use of literature databases for research and literature reviews. Integration of knowledge in molecular biology, bioinformatics, proteomics, protein structural biology, critique, discussion and drawing the appropriate conclusions from literature review.

**Foundation in Research Module Project: Research Grants Proposal (3,500 Words): Grade 56%**

**Skills:** Literature review and writing experimental procedures for research projects and application for funding for research projects. Development of research topics and research grants proposal to research institutions for funding research projects. In-depth knowledge of writing research grants proposal.

**Research Skills and Bioentrepreneurs Module: Biotechnology Project: Grade: 57%**

**Skills:** Development of Business proposal and writing business plan. Working in a team which role-played a company of 5 student entrepreneurs. My position was science and research director. I obtained in-depth skills in literature review, business planning and financing business plan. I developed skills in team work. The biotechnology business plan was about a mobile health device: <http://754715214743040963.webstarts.com/about.html>. The business plan was pitched to investors in a power point presentation. In addition, I developed research skills in writing mini literature reviews, peer review of scientific literature, institutional and organisational funding for research.

**Research Project with Written Thesis in Genomics: Computational Biology: Grade: 64%**

**Skills:** I obtained additional computational and bioinformatics knowledge and skills working with large databases, bacteria genomics with 16S ribosomal RNA, molecular phylogenetics, biostatistics and analysis of datasets in genomics and bioinformatics. Advanced skills with use of excel spreadsheets. Bioinformatics skills sets with GALAXY. PHYLOGENETICS with ITOL.

EDUCATION & TRAINING

- September 2017 – September 2019 **MSc Molecular Biology  
MSc Biotechnology  
Queens University, Belfast, UK**
- September 2017 – November 2018 Postgraduate Diploma in Accounting. Carlow Institute of Technology
- January 2017 – April 2017 Part time Manual & Computerized Payroll Baldoyle Vocational College Dublin
- September 2016 – Sept. 2017 Part time Business Accounting, Dublin Business School, Dublin
- June 2015 – August 2015 Digital Marketing (75%)
- September 2015 – December 2015 **Part time Attendance Postgraduate Diploma in Medical Informatics University College Dublin**
- 2013 - 2017 **Part time Medical Education 100 ECT United States of America**
- December 2013 **Presidents Prize Meeting. 5 CPD.  
Royal Society of Medicine. London, England, United Kingdom.**
- 2005 **Member Royal College of Physicians (MRCP) UK. Part 1.**
- 2005 – 2009 **Diabetes Care Awards (PG) University of Warwick, England**  
Module 1: Cardiovascular Risk  
Module 2: Diabetes Retinopathy  
Module 3: Diabetes and Hypertension in Nephropathy
- 1989 - 1997 **MBChB Human Medicine, Obafemi Awolowo University, Nigeria**
- Year 1  
Use of English, Zoology, Botany, Medical Physics, Chemistry
- Year 2  
Anatomy, Physiology, **Pharmacology**, Biochemistry
- Year 3  
Anatomy, Physiology, **Pharmacology**, Biochemistry
- Year 4  
Community Health Medicine ( Public Health Medicine )  
General Medicine 1 General Surgery 1 **Immunology Pathology**
- Year 5  
Obstetrics and Gynaecology, Venerology, Virology, Dermatology, Helminthology,  
Paediatrics, Psychiatry
- Year 6  
Community Health Medicine (Public Health Medicine)  
General Medicine 2 General Surgery 2

RELEVANT WORK EXPERIENCE

1. Certificate in Fund Accounting, Dublin Business School. Doctor & Fund Accountant.
2. Registrar General (Internal) Medicine Blackrock Clinic, Dublin
3. Registrar Immunology, Cardiology, Emergency & Trauma Beaumont Hospital, Dublin
4. Registrar General ( Internal ) Medicine Locum Link Dublin
5. Senior House Officer & Registrar Oncology & Haematology Galway University Hospital, Ireland  
Online Medical Education. USA. 100 ECT
6. Senior House Officer & Registrar in Medical Assessment Unit Mullingar General Hospital, Ireland
7. Registrar in General ( Internal ) Medicine Locum Link Dublin  
Naas General Hospital Monaghan General Hospital South Tipperary General Hospital
8. Honourary Diabetes Research Registrar & Diabetes Pharmacology St. James's Hospital, D8
9. Senior House Officer Specialist Training. Haematology & Oncology. St. James's Hospital, D8

July 2004 – June 2006  
WORK RELATED SKILLS IN RESEARCH:

1. Medical Research Writing Skills
2. Clinical Trials Research Skills
3. Literature review skills
4. Molecular Laboratory skills
5. Bone marrow aspirations
6. Bone marrow biopsies
7. Stem cells transplant
8. PICC Line Catheter
9. Pharmacology.
10. Chemotherapeutics & Radiotherapeutics

MOLECULAR LABORATORY SKILLS:

Cell culture, Cell passing, Cell viability assay, Protein extraction, Protein quantification, RNA extraction, DNA extraction, Gel Electrophoresis, Immunoblot assays, Immunohistochemistry. Bioinformatics and Molecular Computational skills with Bioinformatics methods.

RESEARCH ACHIEVEMENTS:

Onada O<sup>1</sup>. Renal ANCA-associated vasculitis masquerading as bronchioloalveolar carcinoma. Dr Onada Oladele Royal Society of Medicine Journal 2013. [Available at]: <https://www.rsm.ac.uk/events/events-listing/.../nee01-presidents-prize-meeting.aspx>

Onada O<sup>1</sup>. Cardiovascular outcome reductions with recombinant Human erythropoietin (rHuEPO) in early diabetes nephropathy. Royal Society of Medicine Journal 2013. [Available at]: <https://www.rsm.ac.uk/events/events-listing/.../nee01-presidents-prize-meeting.aspx>

Onada O<sup>1</sup>. Holmes's Tremor. A Diagnostic Paradox in Haemorrhagic Stroke. Poster Presentation. Royal Society of Medicine Journal 2015

Communication skills

Excellent communication skills in academic English Language. Native speaker of English language. All education in Nigeria, Ireland, England and Northern Ireland are in English Language. All certificates, diploma, degree is in English Language. Highly enthusiastic and motivational speaker with an open mind to interact. While studying in Queen's University, I was the class representative in 2017/18. I coordinated the class with a diverse group of students from multi-national backgrounds. I received the William J. Clinton award for class representation and voluntary work.

REFERENCES

Dr. John Hallsworth  
Biotechnology Module Co-ordinator  
Molecular Biology and Biotechnology degree programme  
Queen's University Belfast  
Northern Ireland  
United Kingdom  
Email: [j.hallsworth@qub.ac.uk](mailto:j.hallsworth@qub.ac.uk)

Professor Chris Creevy  
Head of Department  
Computational Biology  
Queen's University Belfast  
Northern Ireland  
United Kingdom  
Email: [chris.creevey@qub.ac.uk](mailto:chris.creevey@qub.ac.uk)

Professor Leonid Kulakov  
Biotechnology Module Literature Review Supervisor  
Senior Lecturer  
Department of Molecular Biology and Biotechnology  
School of Biological Sciences  
Queen's University Belfast  
Northern Ireland  
L.kulakov@qub.ac.uk