

Amisha Patel

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Profile

Highly motivated professional with a biological background with implementation in biomedical research and environmental compliance consultations. Experiences in varied project management, project budgeting and execution. I have an excellent work ethic and work well in a team as well as individually. I have a target-oriented approach to work which accentuates my organisational and planning skills. Having worked as a biomedical researcher I have gained technical skills in genetic manipulation as well as an insight into critical and lateral thinking towards problem solving. I am highly self-motivated and continually looking to improve on my skill and experience.

My skills could be utilised within your organisation to improve analysis of genetic material. My experience would be an asset that will facilitate immediate results forgoing the need for extensive training. My positive work attitude will imbibe in others the same motivation to deliver results.

Education

Bachelor of Biomedical Science and Technology (1st Class Hons.), 2002.
Egerton University, Kenya

Menengai High School, Nakuru, 1993 – KCSE: B-

Uasin Gishu Primary School Eldoret – 1989: KCPE 63 points

Trainings / Certifications

Certificate in Green House Gas Accounting – GHG Institute, 2011-2012, Canada
Certificate in Environmental Impact Assessment and Environmental Audit Training - 2013, Kenya National Cleaner Production Centre
Energy Audit Training – KAM/EMS Consultants, 2011, Kenya
Project Management – MRC, 2010, UK

Licenses

Associate Expert with National Environmental Management Authority (Kenya)

Experience & Responsibilities

June 2013 –
Current

Founder & Director Elekea Ltd, Nairobi Kenya

- Product Conceptualisation, Research & Development
- Brand Creation & Development – O'BAO focussing on baobab fruit value addition
- Organic cosmetic product formulation and development
- Safety assessment for organic foods and cosmetics
- Targeted Marketing and Sales Strategies for New Products
- Basic Budget & Financial Planning
- Book Keeping and Records Management
- Project Management
- Development of business opportunity in environmental consulting.
- Undertake EIAs and EAs as per EMCA 1999 (amendments 2015, 2019)

January 2011-
2013

Head of Environment Department, Kridha Ltd, Nairobi, KENYA

- Project budgeting, co-ordination and execution
- Associate Expert Environmental Auditor – Biological and chemical assessment of projects
- Environmental audit and impact assessment projects under guidance of lead expert
- Development of Environmental Management Plans and Activity Action Plans
- Clientele Management
- Presentations and Updates on New Environmental (and other relevant) Regulations, Audit Findings and EMP Implementation
- Promote solution-based approach towards environmental management.

- Energy Management organisation-based evaluations
- GHG inventories of organisations' emission causing activities
- Assist in developing Organisation activity based GHG information management systems (Not dedicated software)
- Guidance on Implementation of Health and Safety Procedures

Marketing, Kridha Ltd, Nairobi, KENYA

- Promote Kridha products and services through marketing strategies.
- Project Proposal follow ups

IT Management , Kridha Ltd, Nairobi, KENYA

- Internet and Email Troubleshooting
- Procedures for Data Backup and Data Security
- Oversee maintenance of Computer Systems
- Introduction of new IT systems
- Develop and Update Website Content

January 2003-
2010

Research Assistant, National Institute for Medical Research, Mill Hill, UK

- Utilised Gene manipulation technologies for research
- Screening and analysis of genetically modified organisms.
- Assist in general lab running, updating records and ordering of consumables.
- Critical analysis of experimental design and outcomes.
- Project presentations to peers

Primary Contributions:

- The work undertaken led to publication of results in high impact scientific journals such as Nature, Science Signalling and Journal of Immunology, one of which as lead author.
- Responsible for the digitisation of division's genetic data thereby saving time and effort and facilitated archiving of bulky written records.
- Instrumental in overhauling the stock management system for part of the division thereby preventing project delays.

Publications:

ekkali, B., Szabat, E., Ktistaki, E., Tolaini, M., Roderick, K., Harker, N., **Patel, A.**, Williams, K., Norton, T., and Kioussis, D. (2005). **Human high mobility group box transcription factor 1 affects thymocyte development and transgene variegation.** J Immunol 175, 5203-5212.

Veiga-Fernandes, H., Coles, M. C., Foster, K. E., **Patel, A.**, Williams, A., Natarajan, D., Barlow, A., Pachnis, V., and Kioussis, D. (2007). **Tyrosine kinase receptor RET is a key regulator of Peyer's patch organogenesis.** Nature 446, 547-551.

Henrique Veiga-Fernandes, Katie Foster, Amisha Patel, Mark Coles, and Dimitris Kioussis **Visualisation of lymphoid organ development** Methods and Protocols : T-Cell Trafficking, 2010, 616, 161-179

Patel, A., Harker, N., Moreira-Santos, L., Ferreira, M., Alden, K., Timmis, J., Foster, K., Garefalaki, A. Pachnis, P., Andrews, P., Enomoto, H., Milbrandt, J., Pachnis, V., Coles, M., Kioussis, D., Veiga-Fernandes, H. (2012). **Differential RET signalling responses orchestrate lymphoid and nervous enteric system development.** Science Signalling

Jan 2001-
December 2001

Volunteer /Industrial Placement student, Kenya Medical Research Institute, Kenya.

- CD4/CD8 enumeration using flow cytometry for clinical studies in HIV-Aids patient management
- HIV-AIDs screening using kits
- Assisted in setting up pilot project for molecular based HLA typing
- Assisted in supervising and training new students.
- General lab maintenance and troubleshooting.

Primary Contributions:

Instituted effective and timely patient attendance thereby reducing waiting time.

Referees**Suresh Patel (Chemical Engineer)**

NEMA Lead Expert

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