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Mohammad Bamfarahnak

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Contact Details

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📅 Date of birth 24/03/1993

Employments and Experiences

- **Thesis and Research Assistant, IFOM, Italy** 2019-21 (22 Months)

Fellow research trainee & assistant at IFOM, institute of molecular oncology.

Professional skills

Mammalian Cell culture – A549, HeLa, mESC	Medium preparation
Bacterial Transformation, Cloning and Amplification	DNA isolation from mammalian cell
Maxi-Miniprep Plasmid DNA purification	Calcium phosphate transfection
Incucyte live cell proliferation assay	Proliferation time manual quantification
Preparation of samples for sequencing and Data analysis	
Western Blot	Protein quantification
Phos-Tag Western Blot	Southern Blot
PCR	Electrophoresis
Synchronization (Thymidine, Nocodazole, Mitotic shake off)	
Fluorescence activated cell sorting (FACS) - Cell cycle analysis - BrdU PI staining	
Softwares:	Flowjo
SnapGene	Expasy
Image lab	ApE Seq.

- **Clinical Laboratory Technician, Pars Hospital, Iran** 2017-19 (18 Months)

Professional skills

Arterial blood sampling	Body fluids and Dermal mycosis sampling
Operating variety laboratory equipment as Sysmex hematology, Mindray chemistry (Cholesterol, HDL, LDL, etc.) and Abbott Immunology analyzer (HIV, HCV, HBV)	
Serological tests (VLDL, CRP, etc.)	Microscopy (Optical, dissecting, and phase contrast)
Medical analysis assays (Urine, feces, body fluids)	
Microbiology (Culture media preparation, Bacterial classification & diagnosis, antibiogram)	
Specimen Staining: Gram, Acid fast, H&E, Wright-Giemsa	

Competent user of all aforementioned clinical assays running various wards.

- **Hospital Receptionist, Pars Hospital, Iran** 2017 (7 months)

Responsible for administrative and clerical tasks, patient record & data reports.

- **Medical laboratory Internship, HUMS, Iran** 2015-16 (12 Months)

Professional skills

Malaria diagnosis (P. falciparum)	Toxicology (measuring blood and urine drug levels)
Medical virology (Identification of viral infections)	Histology (Tissue development)
Parasitology & protozoology (Identification of nematode, flotation and sediment method)	
Hematology (ESR, CBC count and calculation of MCV, MCH, MCHC manually, coagulation test PT, PTT, CT manually, etc.)	
Mycobacterium Tuberculosis sampling, Ziehl-Neelsen staining and diagnosis	
Microscopic full interpretation of blood films of hematological disorders & Anemias	

Full time practically experienced in subjects above, Responsible for a variety of clinical assays, operational and manual.

Education

PhD Degree in Psychiatry and Neuroscience | Göteborgs Universitet, Gothenburg, Sweden

2022 — Present

Master's Degree in Molecular Biology | Università Degli Studi di Milano, Milano, Italy

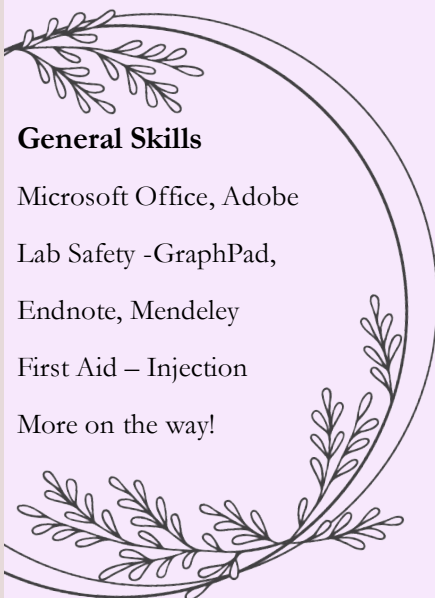
2018 — 2021

Bachelor's Degree in Medical Laboratory Sciences | Hormozgan University of Medical Sciences, Iran

2012 — 2016

Diploma in Experimental Sciences | Moezi High School, Iran

2008 — 2011



General Skills

Microsoft Office, Adobe

Lab Safety - GraphPad,

Endnote, Mendeley

First Aid – Injection

More on the way!

Languages

English (C1)

Swedish (A1) and Italian (A2)

Persian

Signature

References

Petronella Kettunen from GUpetronella.kettunen@neuro.gu.se**Lars Westberg from GU**lars.westberg@pharm.gu.se**Francesco Blasi from IFOM**Francesco.blasi@ifom.eu