



Curriculum Vitae

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Nader Alaridah

MD, PhD in Clinical Microbiology & Immunology

Summary

I am a 32 years old male medical doctor & scientist with a PhD degree in clinical Immunology and Microbiology from Lund University-Sweden. I have lived in Sweden in the past 5 years and I learned Swedish. I withhold extensive experience in Clinical, Bacteriological methodologies, microscopy and bioassay development.

I have published 5 papers, 3 ready manuscripts and through my clinical and scientific work experience, I have obtained useful skills in pre-clinical, clinical research and diagnostics development.

My track record counts among others:

- 5 published papers and 3 ready manuscripts
 - Tuberculosis infection diagnostics and therapeutics
 - Extensive experience in Intracellular bacterial infections
 - International collaborations with a large network of TB-HIV researchers and Bioanalysis scientists
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- On a personal level, I have strong communication skills. I am goal oriented, able to work under pressure, meet deadlines. able to work independently and as a part of team. I understand organizational mission: understands ethics & public good; concerned with public trust

Work Experience

2018-	Assistant professor	Pathology, Microbiology and forensic medicine, University of Jordan
2017-2018	Lab assistant	Translational medicine, Lund University-Sweden
2013- 2017	PhD	Translational medicine, Lund University-Sweden
2012-2013	Assistant lecturer	Faculty of medicine-university of Jordan
2011-2012	Emergency Doctor	Jordan University hospital, Amman-Jordan
2010-2011	Internship	Princess Basma educational hospital, Irbid-Jordan
2004-2010	MD	University of Mut'ah, Jordan

Personal data

Name Nader Alaridah
Born 1986-05-18
Nationality Jordanian
Civil Single, No children
Hobbies Reading, Bowling and Football

Personal characteristics

- Good communication skills.
- Ability to work under pressure and meet deadline.
- Understands how to use decision making to support mission
- Understands organizational mission: understands ethics & public good; concerned with public trust
- Able to work independently and as a part of team
- Establishes collaborative relationships and projects

Literature studies and report writing

- Continuous literature surveillance
- Solid experience in critical evaluations of published articles
- Experience in preparation of scientific papers, grant applications and scientific presentations

Project management

- Planned and conducted several assay developments and finally summarized my research into several scientific articles

National and International Collaborations

- Tuberculosis think tank team at Lund university and Skånessjukhuset (skåne university hospital). We developed a pipeline to combine pre-clinical and clinical research in the Tuberculosis-HIV, we published an article together.
- KIIT University –India Here, I participated in several Collaborated Projects. I also have one published paper as a result of this collaboration
- FORM-AMP European collaboration to test several potential drugs and peptides on different infections and diseases. ready manuscript to be submitted.

Language

Arabic	Mother tongue
English	Fluent
Swedish	European C1
German	European B2
Danish	Good understanding

Teaching skills

- Assistant professor at the pathology, microbiology and forensic medicine Department, medicine school-university of Jordan.
- Hold pedagogic training certificates from Lund University -Sweden.
- Experience in tutoring students in subjects of clinical microbiology, Immunology and Tuberculosis.
- Experience in supervising medicine and biomedicine students in bachelor and master level.

Preclinical Research

- Vast conceptual knowledge within the areas of Bacteriology, Immunology and Laboratory medicine
- Vast experience in in vitro, in vivo assays and setting Minimal inhibitory concentration for several drugs and peptides for therapeutic testing

Clinical Research

- With my clinical background I participated a lot in translating pre-clinical research into clinical one.

Methodology

Work in BSL-3 classed laboratory

Cell-based Methodologies

- Purification of various blood cells (Airway Epithelial cells, PMNs, Macrophages) from whole blood
- Cell culture and sterile technique
- Work with various mammalian cell lines
- Transfection techniques
- Flowcytometry
- Set Minimal inhibitory concentration for several drugs and peptides

Bacteriology Assays

- Bacterial Culture, strains
- Infection assays
- Bacterial DNA isolation
- Whole genome sequencing

Animal studies

- Run in-vivo Murine infection experiments
- Set Minimal inhibitory concentration for several drugs and peptides

Patient Material

- Collect patients' records, Blood, Serum and Body fluids
- Blood DNA, RNA and miRNA isolation

Analyzing tools

- ELISA
- Flow cytometry
- Western Blot
- Immunohistochemistry

Microscopy

- Immunofluorescence microscopy
- Experience in High-through put and High-content infection assays
- Live Imaging

Computer Skills

- Office
- GraphPad
- EndNote
- Image J
- Whole genome sequencing software
- Prism
- Zen (Zeiss)

Publications

- I. Erik Tenland, Nitya Krishnan, Anna Rönnhol, Erik Sturegård, Manoj Puthia, Maria Baumgarten, Matthias Mörgelin Mina Davoudi, **Nader Alaridah**, Izabela Glegola-Madejska, Artur Schmidtchen, Brian D. Robertso, Gabriela Godaly. A novel derivative of the fungal antimicrobial peptide plectasin is bactericidal against *Mycobacterium tuberculosis*” (manuscript is submitted to Nature).
- II. **Nader Alaridah**, Niclas Winqvist, Erik Sturegård, Jeanette Tångrot, Patrik Medstrand, Gabriela Godaly. Transmission dynamics studies of tuberculosis isolates with whole genome sequencing in a low incidence country. (Manuscript)
- III. **Alaridah N**, Lutay N, Tenland E, Rönnholm A, Hallgren O, Puthia M, Westergren-Thorsson G, Godaly G. Mycobacteria Manipulate G-Protein-Coupled Receptors to Increase Mucosal Rac1 Expression in the Lungs. *J Innate Immun.* 2016 Dec 24. doi: 10.1159/000453454.
- IV. . Tenland E, Håkansson G, **Alaridah N**, Lutay N, Rönnholm A, Hallgren O, Westergren-Thorsson G, Godaly G. Innate Immune Responses after Airway Epithelial Stimulation with *Mycobacterium bovis* Bacille-Calmette Guérin. *PLoS One.* 2016 Oct 10;11(10):e0164431. doi: 10.1371/journal.pone.0164431
- V. **Alaridah N**, Winqvist N, Håkansson G, Tenland E, Rönnholm A, Sturegård E, Björkman P, Godaly G. Impaired CXCR1-dependent oxidative defence in active tuberculosis patients. *Tuberculosis (Edinb).* 2015 Aug 14;pii: S1472-9792(15)30044-5.
- VI. Mohanty S, Jagannathan L, Ganguli G, Padhi A, Roy D, **Alaridah N**, Saha P, Nongthomba U, Godaly G, Gopal RK, Banerjee S, Sonawane A. A mycobacterial phosphoribosyltransferase promotes bacillary survival by inhibiting oxidative stress and autophagy pathways in macrophages and zebrafish. *J Biol Chem.* 2015 May 22;290(21):13321-43.
- VII. Lutay N, Håkansson G, **Alaridah N**, Hallgren O, Westergren-Thorsson G, Godaly G. Mycobacteria bypass mucosal NF- κ B signalling to induce an epithelial anti-inflammatory IL-22 and IL-10 response. *PLoS ONE* 2014;9:e86466.

Invited Lectures

Year	Institution/Organization	City, Country
2013	Hope Research Retreat(oral)	Båstad, Sweden
2014	Novel Therapeutics Approaches to Tuberculosis Keystone (oral poster)	Colorado, USA
2015	Hope Research Retreat (oral)	Ystad,Sweden

Teaching

2018-	School of Medicine	University of Jordan, Jordan
2013-2017	Medicine and Biomedicine	University of Lund, Sweden
2015 -2016	Biomedicine –Master students	University of Lund, Sweden

Supervision of master students

2013	MSc,	Tavan Fattah	Principal: Gabriela Godaly
2014	MD, MSc,	Meryam M	Principal: Gabriela Godaly
2015	MD, MSc	Sara Zeta	Principal: Gabriela Godaly

Member of

Medical doctor's association-Lund-Sweden

