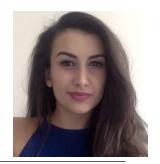


# Anahita Abdali





# PROFILE

Doctor of pharmaceutical sciences within the therapeutic area of cardio-metabolic disease and pharmacology, with 2 year of pharmaceutical industry experience. I am not shy of a challenge and particularly enjoy working with a focused and creative team to meet goals and deadlines. I am patient, dependable and I am delighted to read and interpret science with the purpose of communicating it to relevant stakeholders. With progressive exposure to national, international, and multidisciplinary collaborations, I design and execute strategies to answer research questions.

Ana has taken an active role in...the data she produced has been impeccable... She has a calm and friendly demeanor...

Lund, 2015-05-21 Harry Björkbacka, Associate Professor

## Experienced in:

- Pre-clinical research: cardiovascular disease, immunology, drug development & functional genomics
- Assay and method development
- Multi-disciplinary collaborations

#### Merits of relevance:

- Highly skilled in various in vitro techniques: (primary) cell culture, western blot, qPCR, chemical/fluorescence-based assays, cellbased assays (killing, proliferation, cytokines), immunocytochemistry, IHC, FACS, ELISA
- Certified with FELASA C laboratory animal science (i.e. art. 9)
- Flexible to act in a highly dynamic and demanding environment Interests:
- Drug discovery & development

Having experienced Anahita as an open person and would certainly fit within the team
Ann de Smedt, 2019-05-1, Johnson & Johnson, BE, Principal Scientist

# WORK EXPERIENCE



# **CONTRACT MANAGER Preclinical Immunology**

2021-current

Janssen Vaccines & Prevention, Viral Vaccines Team

Managing the request and set up CRO contracts for various project related to viral vaccine development. Reviewer of study reports, providing support in the documentation for BLA filings.

# PROCUREMENT MANAGER - Freelancer

2021-current

As a freelancer, I occasionally take on projects at the company IBEEAG to deliver procurement services for global trading companies.



## **R&D SCIENTIST**

2019-2020

Discovery Sciences, Functional Genomics team
Using state-of-the-art gene editing tools to support the identification and development of

small and large molecule therapeutics for disease indications including Oncology, Immunology, Infectious Diseases and Neuroscience.

# Responsibilities:

- Design and execution of large-scale cellular experiments using CRISPR/Cas9 and other functional genomics tools for target identification
- Mode of action (MOA) characterization
- Mode of mechanisms of resistance and/or sensitivity to small and large molecules
- Assay and method development
- Writing SOPs, ELN documentation
- Presenting scientific results at Global Connect meetings



#### RESEARCH ASSISTANT

2015-2016

Project topic: Role of Myd88 deletion on macrophage polarization and (atherosclerotic) plaque stability Responsibilities:

- Management, design and execution of research project
- Experience in gene and protein related techniques, various immunoassays and analytical techniques: fluorescent and confocal microscopy
- SOP development and optimization
  - \* Receiver of Human Biology scholarship

#### **SECONDMENT**



# RESEARCHER

Achievements:

2016

- Learned the basics in programming (Python) and project management
- Design of disease map using new knowledge management system (BioXM<sup>TM</sup>)

# **EDUCATION**



## HORIZON 2020 MSCA-ITN JOINT DOCTORATE

2016-2019

Doctorate of Pharmacological Experimental and Clinical Sciences, PhD Doctorate of Pharmaceutical Sciences, PhD



Dissertation topic: Inhibition of Angiogenesis using Glycolysis Inhibitors: an in vitro study

Focus points: 1. small molecule inhibition of metabolic pathway, 2. functional profiling of selective compounds, 3. mechanism of action, 4. *in-vivo* validation of selective compound



Master of Science (5-year education, includes bachelor's degree) 2010-2015 Biomedical Program, VU University of Amsterdam, the Netherlands

# LEADERSHIP

2012-2013	Mentor for undergraduate students
2011-2013	Chairman, for the student body organization of Biomedical Students VU
	University Amsterdam, the Netherlands
2011-2015	Office manager at Elsure BV

### SUPERVISION EXPERIENCE

# Supervision (under)graduate students as co-supervisor

2016-2017	Supervision of graduate work: Pharmacy student, Silvia Cattaneo, 52 w
2017	Supervision of graduate work: Pharmacy student, Yannice Argeerts, 18 w

#### SPECIAL COMPETENCES AND METHODS

#### Courses of relevance

- 2020 Project management Masterclass
- 2019 GMP, Data Integrity, Records and Information Management, Biobank awareness
- 2018 Laboratory animal science for research workers, FELASA C certificate
- 2018 Pharma Skills, 5 days, University of Milano
  NB: This course included; Conflict management, Patenting/IP, Pharmacovigilance,
  Quality Assurance, GMP
- 2017 PET Imaging and Radiopharmaceutical development, 3 days, University of Aberdeen
- 2017 Training in Dissemination in Science, 3 days, University of Milano
- 2016 Training on Communication in Science, 2 days, University of Leiden

## Protein/Immunoassays

Protein separation using SDS-PAGE and Western Blot

Immunohistochemistry/Immunocytochemistry, Flow cytometry (FACS), ELISA

# Molecular & Cell Biology

CRISPR-Cas9 screening, DNA/RNA transfection, cloning

DNA/RNA isolation and purification, (Real-time) RT-PCR, Western Blot

Mammalian cell culture (Primary & cell lines)

Biochemical and cell-based assays

#### **Bioimaging Techniques**

(Confocal) Fluorescence microscopy

#### Animal techniques

Mouse study: from design to analysis

### Computer

Data analysis and bioinformatic tools (MS Office, GraphPad Prism, FlowJo, Adobe Illustrator) Writing SOPs, ELN documentation

#### Languages

Fluent Dutch and English. Advanced in Persian.

# **PUBLICATIONS**

<u>Anahita Abdali</u>, Goran Marinković, "Assessment of medullary and extramedullary myelopoiesis in cardiovascular disease", *Pharmacological Research*, doi: 10.1016/j.phrs.2021.105663

Anahita Abdali, Denisa Baci, Isabella Damiani, Federica Belloni, Carlo De Dominicis, Maria Luisa Gelmi, Alberto Corsini, Stefano Bellosta, "In Vitro Angiogenesis Inhibition with Selective Compounds Targeting the Key Glycolytic Enzyme PFKFB3", *Pharmacological Research*, doi: 10.1016/j.phrs.2021.105592

Besa Emini Veseli, Paola Perrotta, Pieter Van Wielendaele, Anne-Marie Lambeir, <u>Anahita Abdali</u>, Stefano Bellosta, Giovanni Monaco, Geert Bultynck, Wim Martinet, Guido De Meyer, "Small molecule 3PO inhibits glycolysis but does not bind to 6-phosphofructo-2- kinase/fructose-2,6-bisphosphatase-3 (PFKFB3)", *FEBS Letters*, doi: 10.1002/1873-3468.13878

# REFERENCES ARE LEFT UPON REQUEST