

# Dr. Parichehr Shamsrizi, MD

she/her/hers • Date of birth: 31/03/1992

## CURRENT POSITIONS

### Postdoctoral Researcher

working group of Cornelia Betsch, PhD, MSc

Health Communication, Department of Implementation Research

Bernhard Nocht Institute for Tropical Medicine

Clinician scientist – Physician, Investigator, Project Coordinator, Research Associate

working group of Marylyn Addo, MD, PhD, MSc, DTM&H

Institute for Infection Research and Vaccine Development & Division of Infectious Diseases,  
University Medical Center Hamburg-Eppendorf

& Department for Clinical Immunology of Infectious Diseases,  
Bernhard Nocht Institute for Tropical Medicine

Partner of German Centre for Infection Research (DZIF)

Hamburg, Germany

Since 01/2022

Hamburg, Germany

Since 11/2020

## EDUCATION

### Epidemiology (Short course program, Distance learning)

London School of Hygiene and Tropical Medicine / University of London

### Medical School

Eberhard Karls University

Final year elective, Department of Internal Medicine, Tübingen University Hospital,  
focus on Infectious Diseases and Tropical Medicine

Final year elective, Pediatric university hospital, University Medical Center Munich,  
focus on Infectious Diseases, Johannes Hübner, MD

Final year elective, Department of Transplant Surgery,  
Charité university hospital, Berlin

Clinical elective, Department of Internal Medicine, Sourasky Medical Center

London, UK

Since 10/2021

Tübingen, Germany

2011-2018

Tübingen, Germany

12/2017-04/2018

Munich, Germany

09/2017-12/2017

Berlin, Germany

05/2017-09/2017

Tel Aviv, Israel

07/2016-08/2016

## PRACTICAL EXPERIENCE

### Physician

Travel Clinic, Division of Tropical Medicine,

I. Department of Medicine, University Medical Center Hamburg-Eppendorf, Germany

Hamburg, Germany

07/2019-12/2020

## RESEARCH EXPERIENCE

### Doctoral Student

working group of Evelina Tacconelli, MD, PhD

Division of Infectious Diseases, Partner of German Centre for Infection Research (DZIF)

Department of Internal Medicine I, Tübingen University Hospital

MD Thesis (Dr.med.) on “Variation of effect estimates in the analysis of mortality and length of hospital stay in patients with infections caused by bacteria-producing extended-spectrum beta-lactamases: a systematic review and meta-analysis.”

Degree with distinction – Magna cum laude

Tübingen, Germany

2015-2021

### Research Associate and Investigator

working group of Michael Ramharter, MD, MSc, DTM&H

Department of Tropical Medicine, Bernhard Nocht Institute for Tropical Medicine &

I. Department of Medicine, University Medical Center Hamburg-Eppendorf

Hamburg, Germany

07/2019-12/2020

### Clinical Trials – Role: Investigator

- Controlled Study of Immunogenicity and Safety of the Investigational vYF Candidate Vaccine in Comparison to Stamaril® in Adults., EudraCT: 2020-005566-33
- A Phase 1/2a Trial of the Inhaled Administration of the SARSCoV-2-Neutralizing Monoclonal Antibody DZIF-10c in SARS-CoV-2-Infected and -Uninfected Individuals, EudraCT number: 2020-004448-27
- Study to Describe the Safety, Tolerability, Immunogenicity, and Efficacy of RNA Vaccine Candidates Against COVID- 19 in Healthy Individuals., EudraCT number: 2020-002641-42
- Hydroxychloroquine for the treatment of mild coronavirus disease 2019 – COVID-19, EudraCT number: 2020-001512-26
- Recombinant human angiotensin-converting enzyme 2 (rhACE2) as a treatment for patients with COVID-19., EudraCT number: 2020-001172-15
- A Phase 3 Randomized Study to Evaluate the Safety and Antiviral Activity of Remdesivir (GS-5734tm) in Participants with Severe Covid-19. EudraCT number: 2020-000841-15
- A Phase 3 Randomized Study to Evaluate the Safety and Antiviral Activity of Remdesivir (GS-5734tm) in Participants with Moderate Covid-19 Compared to Standard of Care Treatment., EudraCT number: 2020-000842-32

- Randomized controlled trial of hydroxychloroquine versus placebo for the treatment of adult patients with acute coronavirus disease 2019- COVID-19., EudraCT number: 2020-001224-33
- Immunogenicity and safety study of VLA15, a multivalent recombinant ospa based vaccine candidate against Lyme Borreliosis, in healthy adults aged 18 to 65 years- a randomized, controlled, observer-blind phase 2 study., EudraCT number: 2018-003379-37
- A Phase 3, Open-Label, Multicenter Study to Evaluate Long-term Immunogenicity and Boostability of Immune Responses in Adults who Received Different Primary Vaccination Regimens of Pre-exposure Prophylaxis with Purified Chick-Embryo Cell Rabies Vaccine Administered Concomitantly or Separately from a Japanese Encephalitis Vaccine., EudraCT number: 2015-000382-31

#### Clinical Trials – Role: Local Project Coordinator and Investigator

- Intersectoral Platform (SÜP) of the National Pandemic Cohort Network (NAPKON), NCT04768998  
Management for the local study site: University Medical Center Hamburg-Eppendorf

## GRANTS

#### MD Scholarship

German Centre for Infection Research (DZIF) in cooperation with the Interfaculty Graduate School of Infection Biology and Microbiology (IGIM)

MD Thesis on “Variation of effect estimates in the analysis of mortality and length of hospital stay in patients with infections caused by bacteria-producing extended-spectrum beta-lactamases: a systematic review and meta-analysis”

Tübingen, Germany

01/2015-12/2015

#### Travel Grant

German Centre for Infection Research (DZIF)

Poster presentation at the European Congress of Clinical Microbiology & Infectious Diseases (ECCMID)

Amsterdam,  
The Netherlands

2019

## PUBLICATIONS

**Shamsrizi, P.**, Kramer, F. J., Addo, M. M., Fathi, A., 2021

Characterization of Individuals Interested in Participating in a Phase I SARS-CoV-2 Vaccine Trial  
Vaccines (Basel). <https://doi.org/10.3390/vaccines9101208>

Velevan, T.P., Kuk, S., Linh, L. T. K., Lamsfus Calle, C., Lalremuruata, A., Pallerla, S., R., Kreisenweiss, A., Held, J., Esen, M., Gabor, J., Neurohr, E. M., **Shamsrizi, P.**, Fathi, A., Biecker, E., Berg, C. P., Ramharter, M., Addo, M. M., Kreuels, B., Kreamsner, P. G., 2021

Longitudinal monitoring of laboratory markers characterizes hospitalized and ambulatory COVID-19 patients.

Sci Rep. <https://doi.org/10.1038/s41598-021-93950-x>

Gabor, J. J., Kreidenweiss, A., Weber, S., Salama, M., Sulyok, M., Sulyok, Z., Koehne, E., Esen, M., Kreuels, B., **Shamsrizi, P.**, Biecker, E., Mordmüller, B., Berg, C. P., Fusco, S., Köhler, C., Kubicka, S., Leitlein, J., Addo, M., Ramharter, M., Schwab, M., ... & Kreamsner, P. G., 2021

A call to caution when hydroxychloroquine is given to elderly COVID-19 patients.

International Journal of Infectious Diseases, <https://doi.org/10.1016/j.ijid.2021.04.009>

Koch, T., Mellinghoff, S. C., **Shamsrizi, P.**, Addo, M. M. & Dahlke C., 2021

Correlates of Vaccine-Induced Protection against SARS-CoV-2

Vaccines (Basel). <https://doi.org/10.3390/vaccines9030238>

Betsch, C., Korn, L., Felgendreff, L., Eitze, S., Schmid, P., Sprengholz, P., Wieler, L., Schmich, P., Stollorz, V., Ramharter, M., Bosnjak, M., Omer, S. B., Thaiss, H., De Bock, F., Von Rügen, U., & **Shamsrizi, P.**, 2020.

COVID-19 Snapshot Monitoring (COSMO Germany) - Wave 24 [Data set].

PsychArchives. <https://doi.org/10.23668/PSYCHARCHIVES.4317>

**Shamsrizi, P.**, Jochum, J., Kreuels, B. & Ramharter, M., 2020.

Traveling into the Abyss: Risk Perception of German Travelers at the Onset of the COVID-19 Pandemic.

Am J Trop Med Hyg, <https://doi.org/10.4269/ajtmh.20-0892>

**Shamsrizi, P.**, Gladstone, B. P., Carrara, E., Luise, D., Cona, A., Bovo, C. & Tacconelli, E., 2020.

Variation of effect estimates in the analysis of mortality and length of hospital stay in patients with infections caused by bacteria-producing extended-spectrum beta-lactamases: a systematic review and meta-analysis.

BMJ Open, <https://doi.org/10.1136/bmjopen-2019-030266>.

**Shamsrizi, P.**, & Bühler, S., 2019

Travel Medicine 4th Edition, book review

Travel Medicine and Infectious Disease, <https://doi.org/10.1016/j.tmaid.2019.101529>

Gladstone, B. P., Cona, A., **Shamsrizi, P.**, Vilken, T., Kern, W. V., Malek, N. & Tacconelli, E., 2017.

Antimicrobial resistance rates in gram-positive bacteria do not drive glycopeptides use.

PLoS One, <https://doi.org/10.1371/journal.pone.0181358>

## CONFERENCE PRESENTATIONS

Bery, P., Göpel, S., Savoldi, A., <b>Shamsrizi, P.</b> , Gorska, A., Rajendran, N. B., Schmauder, K., Conzelmann, N., Eisenbeis, S., Tacconelli, E. Exploring the unexplored - AMR and ABS research in DZIF-CRU, Tübingen Annual meeting, Germany Center for Infection Research ( <b>DZIF</b> )	<b>Stuttgart, Germany 2022</b>
<b>Shamsrizi, P.</b> , Korn, L., Heinemeier, D., Mellinghoff, S. C., Addo, M. M., Betsch, C. In the shadows of the pandemic: Influenza vaccination intention and knowledge in the time of the COVID19 pandemic in Germany Poster presentation European Congress of Clinical Microbiology & Infectious Diseases ( <b>ECCMID</b> )	<b>Lisbon, Portugal 2022</b>
<b>Shamsrizi, P.</b> , Jochum, J., Kreuels, B., Ramharter, M. Traveling into the Abyss: Risk Perception of German Travelers at the Onset of the COVID-19 Pandemic E-poster presentation ESCMID Conference on Coronavirus Disease ( <b>ECCVID</b> )	<b>Online 2020</b>
<b>Shamsrizi, P.</b> , Gladstone, B. P., Carrara, E., Luise, D., Cona, A. Bovo, C., Tacconelli, E. Role of confounders in the analysis of the clinical burden of ESBL infections Poster presentation European Congress of Clinical Microbiology & Infectious Diseases ( <b>ECCMID</b> )	<b>Amsterdam, The Netherlands 2019</b>
Gladstone, B. P., Vilken, T., <b>Shamsrizi, P.</b> , Kern, W., Tacconelli, E. Antimicrobial resistance rates do not drive antibiotic consumption in Europe Poster presentation European Congress of Clinical Microbiology & Infectious Diseases ( <b>ECCMID</b> )	<b>Amsterdam, The Netherlands 2016</b>

## LANGUAGES & SKILLS

German	First language
Farsi	Second language
English	C2
GCP Training	12/2019
STATA	Good knowledge
SPSS	Basic knowledge
MS Office	Excellent knowledge
Apple iWork	Good knowledge

## MEMBERSHIPS

<b>German Society for Tropical Medicine and Global Health (DTG)</b> , Member	Since 2019
<b>European Society of Clinical Microbiology and Infectious Diseases (ESCMID)</b> , Member – <b>Trainee Association of ESCMID (TAE)</b>	Since 2016

## EXTRACURRICULAR ACTIVITIES

### Volunteering

Amnesty International Deutschland e.V., Germany	Since 2019
Women's Health Team, Hamburg, Germany	Since 2019

### Political education

Global Young Leaders' Conference, Washington, D.C., USA	07/2010
European Youth Parliament (EYP)	2009-2011
School magazine „Der Goaner“, Editor	2008-2010

### Cultural activities

Theater companies:	
Deutsches Schauspielhaus, Hamburg, Germany	2010-2011
Ernst-Deutsch-Theater, Hamburg, Germany	2008-2011
Landestheater Tübingen, Germany	2013-2014
Organizing Committee for the Medical Examination Ceremony, Tübingen, Germany	2013-2018
Conductor of Choir of Medical Students, Tübingen, Germany	2012-2013
Orchestra of State Youth Music School, Hamburg, Germany (violin)	2000-2008

### Exchanges

Students exchange to Los Angeles, CA, USA	07/2009
Students exchange (German American Partnership Program) to Melrose, MA, USA	10/2007