

CURRENT POSITION

Postdoctoral Researcher

working group of Cornelia Betsch, PhD, MSc

Health Communication, Department of Implementation Research

Bernhard Nocht Institute for Tropical Medicine

(affiliated with the Institute for Planetary Health Behaviour (IPB), University of Erfurt, Germany)

Part of the PACE (Planetary Health Action Survey) study team

Hamburg, Germany

Since 01/2022

EDUCATION

Epidemiology (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

10/2021-09/2023

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

EXPERIENCE

Trainee / Traineeship Programme

Diseases Programmes, Vaccine Preventable Diseases and Immunisation

European Centre for Disease Prevention and Control (ECDC)

Stockholm, Sweden

08/2022- 10/2022

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

11/2020-07/2022

Physician and Research Associate/ Investigator

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

Division of Tropical Medicine, Travel Clinic

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

Hamburg, Germany

07/2019-12/2020

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

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, 2020/2021

FREELANCE WORK

Gesunde Erde Gesunde Menschen gGmbH

Scientific evaluation of intervention; „Planetare Gesundheit als Betriebliche Gesundheitsförderung“

Berlin, Germany
2024

Various events (e.g., by Medical Association of Hamburg (Ärztammer Hamburg, Bernhard Nocht Institute for Tropical Medicine, Sozialbehörde Hamburg)

Talks/Presentations/Workshops: education trainings for physicians and Public Health professionals

Different locations
Since 2019

COMMITTEE WORK

Medical Association of Hamburg (Ärztammer Hamburg)

Committee: Curriculum Climate Change and Health

Federal Ministry of Labour and Social Affairs

Policy Workshops; Politikwerkstatt “Klima wandelt Arbeit”

Federal Ministry of Health

Conferences on Heat and National Heat Action Plan

Hamburg, Germany

Since 04/2024

Berlin, Germany

Since 11/2023

Berlin, Germany

Since 16/2023

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

Felgendreff, L., Rebitschek, F. G., Geiger, M., **Shamsrizi, P.**, Jenny, M. A., Betsch, C., 2024

Explaining the Mechanism Behind mRNA Vaccines Influences Perceived Vaccine Effectiveness but not Vaccination Intentions. A Randomized Experiment

European Journal of Health Communication, 5 (1), 21-45. <https://doi.org/10.47368/ejhc.2024.102>

Eitze, S., Sprengholz, P., Korn, L., **Shamsrizi, P.**, Felgendreff, L. & Betsch, C., 2024

Vicarious experiences of long COVID: A protection motivation theory analysis for vaccination intentions,

Vaccine: X, Volume 16, 2024, 100417, ISSN 2590-1362, <https://doi.org/10.1016/j.jvax.2023.100417>.

Lehrer, L., Geiger, M., Sprengholz, P., Jenny, M. A., Temme, H., **Shamsrizi, P.**, Eitze, S. & Betsch, C., 2023

Study Protocol of the Planetary Health Action Survey PACE – A serial cross-sectional survey to assess the general population’s readiness to act against the climate crisis in Germany

Preprint, <https://doi.org/10.31234/osf.io/jcww7>

Shamsrizi P., Jenny, M. A., Sprengholz, P., Geiger, M., Jäger, C. B. & Betsch, C., 2023

Heatwaves and their health risks: knowledge, risk perceptions and behaviours of the German population in summer 2022,

European Journal of Public Health, Volume 33, Issue 5, October 2023, Pages 841–843, <https://doi.org/10.1093/eurpub/ckad109>

Mahajan, U. M., Erber, J., **Shamsrizi, P.** & Stubbe, H.C., 2023

Validation of the SACOV-19 score for identifying patients at risk of complicated or more severe COVID-19: a prospective study.

Infection 51, 1669–1678 (2023). <https://doi.org/10.1007/s15010-023-02041-8>

Memenga, P., Eitze, S., **Shamsrizi, P.**, Addo, M. M., & Betsch, C., 2022

Debunking Misinformation and Communicating Critical Events in Vaccine Trials: Experimental Evidence on Vaccination Intentions in SARS-CoV-2 Pandemic.

European Journal of Health Communication, 3(2), 64–96. <https://doi.org/10.47368/ejhc.2022.204>

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., Ramharther, M., Addo, M. M., Kreuels, B., Kremsner, 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., Ramharther, M., Schwab, M., ... & Kremsner, 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., Felgendreiff, L., Eitze, S., Schmid, P., Sprengholz, P., Wieler, L., Schmich, P., Stollorz, V., Ramharther, M., Bosnjak, M., Omer, S. B., Thaïss, 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. & Ramharther, 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

- Shamsrizi, P.**, Jenny, M.A., Geiger, M., Sprengholz, P., Temme, H., Lehrer, L., Jäger, C. B., Betsch, C.
Risikogruppen bei Hitze – Verhalten, Wahrnehmung und Kommunikation
Congress: Behavioural and cultural insights in health (BCI) **Berlin, Germany 2023**
- Shamsrizi, P.**, Eitze, S., Korn, L., Betsch, C.
Influence of general practitioners on vaccination intention during the COVID-19 pandemic in Germany
E-poster presentation & talk
European Congress of Clinical Microbiology & Infectious Diseases (**ECCMID**) **Copenhagen, Denmark 2023**
- Bery, P., Göpel, S., Savoldi, A., **Shamsrizi, P.**, 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 (**DZIF**) **Stuttgart, Germany 2022**
- Shamsrizi, P.**, 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 (**ECCMID**) **Lisbon, Portugal 2022**
- Shamsrizi, P.**, Jochum, J., Kreuels, B., Ramharther, 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 (**ECCVID**) **Online 2020**
- Shamsrizi, P.**, 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 (**ECCMID**) **Amsterdam, The Netherlands 2019**
- Gladstone, B. P., Vilken, T., **Shamsrizi, P.**, Kern, W., Tacconelli, E.
Antimicrobial resistance rates do not drive antibiotic consumption in Europe
Poster presentation
European Congress of Clinical Microbiology & Infectious Diseases (**ECCMID**) **Amsterdam, The Netherlands 2016**

MEMBERSHIPS/FELLOWSHIPS

German Alliance for Global Health Research, Member	Since 2023
ThinkTank 30 – Deutsche Gesellschaft Club of Rome, Fellow	Since 2022
German Society for Tropical Medicine and Global Health (DTG), Member	Since 2019
European Society of Clinical Microbiology and Infectious Diseases (ESCMID), Member – Trainee Association of ESCMID (TAE)	Since 2016

TEACHING

Seminar (Master: Health Communication): Connecting: Effective Communication in Healthcare for Physicians, Patients, and Organizations	University of Erfurt, 2023/2024
Seminar (Master: Health Communication): Introduction to Public Health	University of Erfurt, 2023/2024

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

EXTRACURRICULAR ACTIVITIES

Cultural activities

Theater companies:

Deutsches Schauspielhaus, Hamburg, Germany (Actress)	2010-2011
Ernst-Deutsch-Theater, Hamburg, Germany (Actress)	2008-2011
Landestheater Tübingen, Germany (Actress)	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

Volunteering

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

Exchanges

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

REFERENCE LIST

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Department of Implementation Research
Bernhard Nocht Institute for Tropical Medicine
Bernhard-Nocht-Straße 74,
20359 Hamburg
Germany
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Marylyn Addo, MD, PhD, MSc, DTM&H

Head, Institute for Infection Research and Vaccine Research
& Division of Infectious Diseases
University Medical Center Hamburg-Eppendorf,
Head, Clinical Immunology of Infectious Diseases,
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20246 Hamburg
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72076 Tübingen
Germany
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Michael Ramharter, MD, MSc, DTM&H

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University Medical Centre Hamburg-Eppendorf,
Head, Department of Clinical Research,
Bernhard Nocht Institute for Tropical Medicine
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