

CURRICULUM VITAE



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Current position: Clinical Microbiologist and Infectious Disease Epidemiologist, FAMH (equivalent)
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Nationality: German
Marital Status: Married, two children
DoB: 5th October 1966 (59 years)

INSTITUTION and LOCATION	DATE	POSITION or FIELD of STUDY / WORK
Medics Labor AG Bern, Switzerland Dept. Clinical & Molecular Microbiology	2024-present (2+ years)	- Clinical Microbiology and Infectious Disease Epidemiology, FAMH (equivalent) - International consultant AMR (WHO)
Khalifa University , Abu Dhabi, UAE Dept. Public Health and Epidemiology	2022-2024 (2 years)	Associate Clinical Professor for Public Health and Epidemiology (adjunct)
Abu Dhabi Public Health Center Abu Dhabi, UAE Dept. Environmental and Occupational Health and Safety	2019-2023 (4.5 years)	- Public Health (Focus on Environmental Health) - Antimicrobial resistance (AMR), focus on AMR surveillance and antibiotic stewardship (ASP)
Swiss Business School Zürich, Switzerland MBA & MSc (Exec. Dual Degree Program)	2020-2024 (4.5 years)	- Studying Business Administration (MBA) & Healthcare Management (Majors: International Management) - Grade: GPA: 3.8/4.0 (MBA), 3.8/4.0 (MSc)
Department of Health Abu Dhabi, UAE Dept. Occupational and Environmental Health	2007-2019 (12.5 years)	- Section Head, Environmental Health - Environmental and occupational health and safety - Antimicrobial resistance (AMR) - Injury surveillance, prevention and control
Laboratory Dr. Gärtner & Partners Ravensburg, Germany Dept. Microbiology and Hygiene	2003-2007 (3.5 years)	- Section Head, Infection control - Hospital infection prevention & control - Clinical microbiology
Rollins School of Public Health Emory University, Atlanta, USA - Dept. Epidemiology (study) - Dept. Global Health (thesis)	2002-2003 (1.5 years)	- Studying Public Health - Majors: epidemiology, biostatistics. - GPA: 3.9/4.0 - Thesis: Molecular epidemiology of <i>S. pneumoniae</i>
University Hospital , Ulm, Germany - Dept. Med. Microbiology and Hygiene - Dept. Virology - Dept. Internal Medicine I (Gastroenterology, Endocrinology) - Dept. Internal Medicine III (Infectious Disease, Tropical and Travel Medicine, Clinical Immunology)	1994-2002 (7.5 years)	- Junior house officer (AiP), then: Senior house officer, then: Acting Head of Infection Prevention & Control Section (IPC) - Clinical microbiology, virology - Hospital infection control and infectious disease epidemiology - Internal medicine (ID, travel & tropical medicine, rheumatology, gastroenterology, endocrinology, IM ER)
University of Ulm , Ulm, Germany School of Medicine	1988-1994 (6 years)	- Studying Medicine - Doctor of Medicine (Dr. med.), Thesis: Bacterial translocation in acute necrotizing pancreatitis
Catholic Church , Ulm, Germany German Civil Service	1986-1988 (1.5 years)	Basic and social care for elderly people (MSHD/Mobiler Sozialer Hilfsdienst)
Schubart-Gymnasium , Ulm, Germany Secondary school	1978-1986	- Baccalaureate (Majors: math, chemistry) - Grade: 1.7 (scale: 1 to 6, 1.0=best)

Education: Academic Training and Degrees

1. **Master of Science in Healthcare Management (MSc)** **2024**
 Swiss Business School, Zürich (CH)
 - GPA: 3.8 (out of 4.0)
2. **Master of Business Administration (MBA)** **2022**
 Swiss Business School, Zürich (CH)
 - GPA 3.8 (out of 4.0)
 - Specialization in: International Management
3. **Master of Public Health (MPH)** **2003**
 Rollins School of Public Health, Emory University, Atlanta, GA, USA
 - Studying public health (full-time/on-site) with focus on epidemiology and biostatistics (majors), with courses in antimicrobial resistance, hospital infection control, disease eradication, global public health, TB control, occupational and environmental health, health promotion, healthcare management, SAS programming, and others.
 - Master Thesis: Molecular epidemiology of *Streptococcus pneumoniae*: Clinical outcome and microbiological epidemiology of invasive pneumococcal disease in Croatia (principal investigator). In close collaboration with senior researchers at Centers for Disease Prevention and Control (CDC), Atlanta, and in Zagreb, Croatia.
 - GPA 3.9 (out of 4.0)
 - Additional technical skills acquired: strain typing: Microbiological-epidemiological phenotyping and genotyping techniques (PFGE, MLST, DNA sequencing)
 - Reference letters: available upon request
4. **Doctor of Medicine (Dr. med./MD)** **1996**
 University of Ulm, Germany
 - Grade: Magna cum laude
 - Passed Medical State Exams I, II and III.
 - Dissertation: Translocation of bacteria during acute necrotizing pancreatitis (experimental study, rat model)
 - Approbation/License to practice as a physician, (1996, Regierungspräsidium Baden-Württemberg, Stuttgart, Germany)

Post-graduate Specializations and Certifications

1. **Clinical Microbiologist FAMH (equivalent)** **2025**
 BAG, Switzerland
 2. **Antibiotic Stewardship: ABS expert (DGI)** **2025**
 Academy of Infectious Disease Medicine e.V., Germany
 3. **Occupational Health and Safety Auditor/Lead Auditor** **2008**
 (OSHAS 18001:2007, ISO 19011:2002)
 4. **Infection Control and Epidemiology (CIC)** **2006**
 CBIC, USA. Note: this certification expired in 2011
 5. **Qualified Consultant in Hospital Infection Control** **2006**
 Berufsverband der Ärzte für Mikrobiologie und Infektionsepidemiologie (BAEMI, Germany)
 6. **Clinical Microbiologist and Infectious Disease Epidemiologist** **2005**
 /Arzt für Mikrobiologie und Infektionsepidemiologie
 Landesärztekammer Baden-Württemberg (German Medical Board)
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Professional Experience

Medics Labor AG, Bern, Switzerland

01/2024-present (2+ years)

- Position: **Clinical Microbiologist and Infectious Disease Epidemiologist (FAMH equivalent)**
- Type: Full time/salaried
- Reporting to: Lab Director, Microbiology, Medics Labor AG
- Responsibilities:
 - Clinical and Molecular Microbiology (routine diagnostics)
 - AMR Surveillance / Antibiotic Stewardship
- Other roles: International Consultant on AMR (for WHO; Ministries of Health, and other entities)

Ministry of Health and Prevention (MOHAP), Dubai, UAE

04/2014-12/2023 (10 years)

- Appointment: **Chair, National Committee for Surveillance of Antimicrobial Resistance**
- Type: Part-time, not salaried
- Reporting to: Chair & Co-Chair, UAE Higher AMR Committee, MOHAP
- Responsibilities:
 - Leading the development and implementation of the UAE National AMR Surveillance Program
 - Chair, UAE National Technical Sub-Committee for AMR Surveillance
 - UAE National Focal Point for WHO GLASS (Global AMR Surveillance System)
 - Member, UAE Higher Committee on AMR
 - Member, UAE National Antibiotic Stewardship Committee

World Health Organization (WHO)

2013-present (13+ years)

- Position:
 - Temporary Advisor (TA) / Consultant for AMR
 - National Focal Point GLASS (Global AMR Surveillance System), United Arab Emirates
- Organizations: WHO HQ, EMRO, SEARO
- Several short-term consultancies and country missions:
 - Consultant on National AMR Surveillance Framework, WHO SEARO & WHO CO, MoH/MFDA Maldives, Male, Maldives, Oct-Dec 2024
 - Temporary Advisor to EMRO, WHO Jordan Country Office and Jordan Ministry of Health: Strengthening the Jordan National AMR Surveillance program, and WHONET training workshop. Amman, Jordan, March to May 2023.
 - WHO Country Mission on Antimicrobial Resistance Surveillance. WHONET Software for AMR Surveillance. Karachi/Lahore/Islamabad, Pakistan, 8-12 Apr 2019.
 - WHO-EMRO Training Workshop on Global Surveillance of Antimicrobial Resistance (GLASS) and WHONET. Tunis, Tunisia, 14-17 Jan 2019.
 - WHO AMR Surveillance and WHONET Workshop. Amman, Jordan, 30 Sep–4 Oct 2018.
 - WHO Training Workshop for National AMR Surveillance Focal Points and Data Managers. WHONET - Software for Surveillance of Antimicrobial Resistance. WHO EMRO, Cairo, Egypt, Sep 26-28, 2017.
 - First Inter-Country Meeting of the National Focal Points for Antimicrobial Resistance in the Eastern Mediterranean Region of WHO. Casablanca, Morocco, 14-17 Mar 2016.
 - AMR – From Policies to Action. Consultative Meeting for the Countries of the Eastern Mediterranean Region (EMR). EMRO. Sharm-El-Sheikh, Egypt, 12-14 Nov 2013.

Khalifa University, Abu Dhabi, UAE

02/2022-02/2024 (2 years)

- Appointment: **Associate Clinical Professor for Public Health and Epidemiology (adjunct)**
- Department: Public Health and Epidemiology, College of Medicine and Health Sciences
- Note: Appointment extended also to the Department of Pathology and Infectious Diseases
- Type: Part-time, not salaried
- Key responsibilities:
 - Lectures or small group teaching
 - Supervising clinical work in clinical settings
 - Mentoring/advising learners
 - Participation in departmental projects and initiatives (e.g. collaborative research)

Emirates Society for Clinical Microbiology (ESCM), UAE**06/2019-12/2023 (4 years)**

- Website: <https://escm.ae/>
- Appointment: **President of ESCM** (01/2022-12/2023)
- Previous appointment: **Chair, Scientific Committee** (6/2019-01/2022)
- Reporting to: President, Emirates Medical Association (EMA), www.ema.ae
- Type: Part-time, not salaried
- Responsibilities:
 - Coordinate the officers and directing the operations of the society
 - Develop long term strategies for the work of the society
 - Represent the society to external relations (in conjunction with the other officers)

Abu Dhabi Public Health Center, Abu Dhabi, UAE**09/2019-12/2023 (4 years)**

- Position: **Section Head, Environmental Health**, EOHS Department
- Type: Full-time/salaried
- Reporting to: Manager, Occupational and Environmental Health and Safety Department
- Responsibilities:
 - Managing the Environmental Health section/team
 - Oversee the development and implementation of the ADPHC environmental health strategy, projects and activities for environmental health for Abu Dhabi Emirate
 - Leading the ADPHC public health response to antimicrobial resistance
 - Leading the development and implementation of the Abu Dhabi Emirate AMR Surveillance Program

Department of Health, Abu Dhabi, UAE**2/2007-8/2019 (12 years)**

- Position: **Section Head, Environmental Health**, OEH Department, Public Health Division
- Type: Full-time/salaried
- Reporting to: Manager, Occupational and Environmental Health Department
- Previous positions: **Consultant, Environmental Health** (2007-2009), then: **Head, Occupational and Environmental Health Section** (2009-2014)
- Leading on the strategy and action plans for environmental health for Abu Dhabi Emirate (2007-current), for the Healthcare Sector of Abu Dhabi Emirate (2007-2012), and for Health Authority - Abu Dhabi (2007-2012).
- Leading and managing the HAAD/DoH Environmental Health Section.
- Directing and/or contributing to key public health projects and programs, including e.g.:
 - Abu Dhabi Emirate and UAE National **Public Health strategies and action plans**, e.g.:
 - UAE National Strategy and Action Plan for Antimicrobial Resistance (2019-2023)
 - UAE National Environmental Health Strategy and Action Plan
 - Abu Dhabi Emirate Occupational Health and Safety Strategy
 - Abu Dhabi Emirate Strategy and Action Plan on Air Quality, Noise and Ozone Depleting Substances
 - Abu Dhabi Emirate Marine Water Quality Strategy and Action Plan
 - Abu Dhabi Emirate Waste Management Strategy
 - Abu Dhabi Emirate Road Safety Strategy
 - Abu Dhabi Emirate Climate Change Strategy and Action Plan
 - Directed, co-developed and implemented several **Public Health data collection, monitoring and surveillance programs**, e.g.:
 - Abu Dhabi Emirate Antimicrobial Resistance Surveillance Program (since 2010)
 - UAE National Antimicrobial Resistance Surveillance Program (since 2015)
 - Abu Dhabi Emirate fatal injury data active surveillance system (FIASS) (since 2007)
 - Abu Dhabi Emirate Injury and Poisoning Notification & Surveillance System (IPNS, 2009-2019)
 - Abu Dhabi Trauma Registry (2011-2014)
 - Directed, or contributed to the development of several **Public Health Laws, Regulations, Regulatory frameworks, Policies, Standards, and Guidelines**, e.g.:
 - UAE National Guideline for the Empiric Antibiotic Treatment of Pediatric Upper Respiratory Tract Infections (RTI), 2023

- UAE National Guideline for the Empiric Antibiotic Treatment of Pediatric Urinary Tract Infections (RTI), 2023
 - UAE National Guideline for the Empiric Antibiotic Treatment of Respiratory Tract Infections (RTI), 2023
 - UAE National Guideline for the Empiric Antibiotic Treatment of Urinary Tract Infections (UTI), 2022
 - UAE National Guideline for the Empiric Antibiotic Treatment of Skin and Soft Tissue Infections (SSTI), 2022
 - DoH Abu Dhabi Standard and Guideline for Antibiotic Stewardship Programs in all hospitals and large centers in Abu Dhabi Emirate (2017)
 - DoH Standard for Healthcare Providers - Infection Prevention and Control Management
 - DoH Standard for Healthcare Providers - Hand Hygiene
 - DoH Standard for Healthcare Providers - Antimicrobial Resistance Surveillance
 - DoH Standard for Healthcare Providers - Hepatitis B and C Screening and Immunization
 - DoH Standard for Healthcare Providers - Influenza Preparedness,
 - Clinical Care Pathways for Communicable Disease (n=20)
 - UAE Federal Tobacco Control Law and Federal Tobacco Control Executive Bylaw
 - Abu Dhabi Emirate Environment, Occupational Health and Safety Management System (AD EHSMS) – Regulatory Framework
 - Health Sector Environment, Occupational Health and Safety Management System for the Abu Dhabi Emirate Health Sector (HS EHSMS) as well as for Health Authority – Abu Dhabi (HAAD Corporate EHSMS):
 - This regulatory framework includes setting the policies and standards for all 1,600+ healthcare facilities and 25,000+ healthcare professionals in Abu Dhabi Emirate with regards to Infection Control, Occupational and Environmental Health and Safety, and Environmental Sustainability, e.g. hazard identification and risk assessment, fire safety, emergency procedures, first aid, hazardous waste, infection control, occupational disease surveillance, air and water quality, ventilation, lighting, workplace wellness, food safety and kitchen hygiene, paper/water/electricity/fuel consumption.
- Overseen the development and/or co-developed several internationally recognized and award-winning **Public Health awareness, education and technical training campaigns and programs**, e.g.:
- *HEIGHT Aware* – Prevention of falls injuries at the workplace (winner, IOSH Award, London, 2013)
 - *Child Car Seats Save Little Lives* road safety campaign (winner, Gulf Traffic Awards, Dubai, 2013) and Platinum Award at Gulf Traffic Awards, Dubai, 2013
 - *Safety in the Heat* – Prevention of Heat-related illness (finalist, IOSH Award, London, 2010)
 - *Drive Safe - Save Lives* Road safety campaign (winner, Gulf Traffic Award, Dubai, 2009)
 - Create and Enjoy 100% Smoke-Free Environments (2007) – DoH's and my first Public Health campaign!
- Contributed to **Public Health research and scientific studies**, some of them resulting in peer-reviewed publications and award-winning awareness programs (see also list of awards and publications below), e.g.:
- Retrospective analysis of twelve year of National AMR Surveillance data
 - DTU Food/WHO Global Sewage Project. Applying metagenomics approaches for global surveillance of infectious diseases and antimicrobial resistance from sewage.
 - UAE Environmental Burden of Disease project: scientifically estimating the incidence and prevalence of diseases and deaths related to environmental pollution and climate change in the UAE – a first worldwide on a country level. In collaboration with Environment Agency Abu Dhabi, WHO EMRO, and University of North Carolina, GA.
 - Deaths and Medical Visits attributable to environmental pollution in the UAE
 - Validation of TWL (Thermal Work Limit) as new Heat Stress Index for Abu Dhabi Emirate & gulf region
 - Abu Dhabi In-Depth Crash Investigation Study for fatal and severe road traffic crashes (IDCI)
 - Abu Dhabi Workplace Injury Survey

Laboratory Dr. Gärtner & Partners, Ravensburg, Germany

10/2003-1/2007 (3 years)

- Position: **Physician and Specialist (Facharzt) for Medical Microbiology and Infectious Disease Epidemiology, Head of Infection Control Section and Laboratory**
- U.S. and German Board certified in hospital infection control and epidemiology.
- Reporting to: Executive Director, Laboratory Dr. Gärtner & Partners
- Type: Full-time/salaried

- Managing the infection control section and laboratory, managing and overseeing 4-5 staff (lab technicians)
- Routine clinical and environmental laboratory diagnostics: infection control, medical microbiology, ID serology, molecular biology
- Consulting all clients, including senior management and infection control professionals of about 10 hospitals on all hospital infection control related matters, with a special focus on prevention and control of healthcare associated infections
- Surveillance of healthcare-associated infections and antimicrobial resistance, AMR stewardship
- Detailed work certificate available on request

University Hospital of Ulm, Germany**11/1994-07/2002 (7 Years)**

- **Physician (Junior house officer/AiP, then Senior House officer/Post-doc/Arzt in Weiterbildung)**
- Worked full-time as a physician in the following Departments:
 - Microbiology and Hygiene
 - Virology
 - Internal Medicine III (infectious disease, tropical and travel medicine, rheumatology and clinical immunology), and
 - Internal Medicine I (gastroenterology, endocrinology, internal medicine emergency dept.)
- Reporting to: Chair of Department
- Last position held: In charge of Hospital Infection Control Section, University Hospital of Ulm
- Residency training for specialist degree (Facharzt) Microbiology & Infectious Disease Epidemiology
- Clinical/residency training in clinical pathology (microbiology, virology, ID epidemiology, hospital infection control), and internal medicine (infectious diseases, travel & tropical medicine, gastroenterology, endocrinology, emergency dept.)
- Local coordinator for German Network for Antimicrobial Resistance Surveillance (GENARS, now under RKI (ARS))
- Chair of organizing committee for two national scientific conferences on hospital infection control, and one international conference on Legionella (2001)
- Participated in various medical education & teaching activities of the departments, developed new and innovative and award-winning medical education courses (POL) and electronic multimedia teaching software (computer-aided learning, CAL) in the area of clinical microbiology & infectious diseases.
- Clinical research: *Chlamydia pneumoniae* (TWAR)-associated reactive arthritis.
- Detailed work certificates available upon request

Bezirksspital Wattenwil, Wattenwil, Switzerland**6/1994-09/1994 (4 Months)**

- **Physician (Junior house officer/Praktisches Jahr/PJ)**
- Worked fulltime as a junior physician (Unterassistent) in the Department Internal Medicine.

Teaching Experience (Clinical Medicine, Public Health)

Academic Teaching Experience (University):

- [**Khalifa University Abu Dhabi**](#), Abu Dhabi, VAE  جامعة خليفة
Khalifa University

Dept. Epidemiology & Public Health, College of Medicine and Health Sciences, 2023-2024:

Position: Associate Clinical Professor for Public Health and Epidemiology, Pathology and Infectious Diseases (adjunct)

 - Mycobacteria. Lecture for MD Students (human medicine). 1 Feb 2023. College of Medical and Health Sciences. Khalifa University, Abu Dhabi, UAE
 - The Microbiology Lab. Lecture for MD Students (human medicine). 1 Feb 2023. College of Medical and Health Sciences. Khalifa University, Abu Dhabi, UAE
- [**United Arab Emirates University**](#), Al Ain, VAE  جامعة الإمارات العربية المتحدة
United Arab Emirates University

College of Medicine and Health Sciences, 2013

 - UAE Environmental Burden of Disease Assessment. Lecture for MPH-Students/MPH program. Invited lecturer. Jun 2013, United Arab Emirates University, Al Ain, **UAE**
- [**University Hospital Ulm**](#), Ulm, Germany  AKADEMIE FÜR
GESUNDHEITSBERUFE
UNIVERSITÄTSKLINIKUM ULM

Akademie für Gesundheitsberufe, Universitätsklinikum Ulm, 2005-2006

 - Hygieneplan. Reinigungs- und Desinfektionspläne. Grundkurs für hygienebeauftragte Aerzte. Landesgesundheitsamt Baden-Württemberg. 10 Feb 2006. Kloster Wiblingen, Ulm, **D**
 - Hygiene in Einrichtungen des Gesundheitswesens, in denen Medizinprodukte aufbereitet werden. Fachkurselehrgang I der DGSV (Deutsche Gesellschaft für Sterilgutversorgung e.V.). Modul 5. 24. Jun 2005. OTA-Schule Ulm. Akademie für Gesundheitsberufe. Universitätsklinikum Ulm, Ulm, **D**
 - Grundlagen der Mikrobiologie. Fachkurselehrgang I der DGSV (Deutsche Gesellschaft für Sterilgutversorgung e.V.). Modul 5. Kursus für Operationstechnische Assistent: Innen (OTA). Akademie für medizinische Berufe. 24. Jun 2005. Universitätsklinikum Ulm, Ulm, **D**
- [**University of Ulm**](#), Ulm, Germany  universität
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College of Medicine (Medizinische Fakultät), 1995-2002

 - Krankenhaushygiene. Vorlesung für Studenten der Humanmedizin. Kursus des Ökologischen Stoffgebietes, Sommersemester 2002, Universität Ulm, Ulm, **D**
 - Labordiagnostik. Vorlesung für Studenten der Humanmedizin (1. Semester): Praktikum der Berufsfelderkundung. 30 Jan 2002. Universität Ulm, Ulm, **D**
 - Hygiene in der Zahnmedizin. Vorlesung und Praktikum Medizinische Mikrobiologie für Studenten der Zahnmedizin. Jul 2001. Universität Ulm, Ulm, **D**
 - Orale Mikrobiologie und Infektiologie: Karies. Vorlesung und Praktikum Medizinische Mikrobiologie für Studenten der Zahnmedizin. Jul 2001. Universität Ulm, Ulm, **D**
 - Orale Mikrobiologie und Infektiologie: Parodontitis. Molekularbiologische Untersuchungsverfahren. Vorlesung und Praktikum Medizinische Mikrobiologie für Studenten der Zahnmedizin. Jul 2001. Universität Ulm, Ulm, **D**
 - Bakteriologie einiger human-medizinisch und oral-pathogenetisch wichtiger Erreger: Corynebakterien, Actinomyceten, Mykobakterien, Treponema und andere. Vorlesung und Praktikum Medizinische Mikrobiologie für Studenten der Zahnmedizin. Jun 2001. Universität Ulm, Ulm, **D**
 - Bakteriologie und Hygiene. Vorlesung und Praktikum Medizinische Mikrobiologie für Studenten der Zahnmedizin. Jun 2001. Universität Ulm, Ulm, **D**

- Molekularbiologische Methoden zur Erregeridentifizierung. Vorlesung für Informatik-Studenten: Diagnostische Methoden in der Medizin II. Wintersemester 2001/2002. 23 Jan 2002. Universitätsklinikum Ulm, Ulm, D
- Diagnostische Methoden in der Medizinischen Mikrobiologie. Vorlesung für Informatik-Studenten: Diagnostische Methoden in der Medizin II. Wintersemester 2001/2002. 9 Jan 2002. Universitätsklinikum Ulm, Ulm, D
- Diagnostik in der Klinischen Immunologie. Vorlesung für Informatik-Studenten: Diagnostische Methoden in der Medizin II. Wintersemester 2001/2002. 17 Jan 2002. Universitätsklinikum Ulm, Ulm, D
- Infektion und Abwehr. Seminarreihe Medizin für Ingenieure. 22 Okt 2001. Wissenschaftszentrum Schloss Reisenburg der Universität Ulm, Günzburg, D
- Bakteriologie einiger human-medizinisch und oral-pathogenetisch wichtiger Erreger: Staphylokokken, Streptokokken. Vorlesung und Praktikum Medizinische Mikrobiologie für Studenten der Zahnmedizin. Jun 2001. Universität Ulm, Ulm, D
- Immunsystem, Allergien und Autoimmunkrankheiten. Seminarreihe Medizin für Ingenieure. 11 Jun 2001. Wissenschaftszentrum Schloss Reisenburg der Universität Ulm, Günzburg, D
- Bugs'n Drugs - eine universelle CBT-Plattform für Problemorientiertes Lernen im klinischen Teil des Medizinstudiums am Beispiel Infektiologie/Medizinische Mikrobiologie. 1998-2002.
- Docs'n Drugs. Infektiologisch-mikrobiologische Fälle. Vorlesungsreihe für Studenten der Humanmedizin im 2. klinischen Abschnitt (7.-10. Semester), POL-Kleingruppenunterricht. Ausgezeichnet mit dem Lehrbonus der Universität Ulm. Universität Ulm, D. 1995-2000.

Other Teaching Experience (non-University):

- [World Health Organization](#) (WHO HQ, EMRO, SEARO), 2013-present:
 - Surveillance of Antimicrobial Resistance (AMR)
 - WHONET – The microbiology laboratory database software
- Ministries of Health/Health Authorities/Public Health Centers (several countries, including United Arab Emirates, Saudi Arabia, Kuwait, Egypt, Maldives), 2010-present:
 - Surveillance of Antimicrobial Resistance (AMR)
 - WHONET – The microbiology laboratory database software



Academic Teaching Awards:

- Award for Excellence in Medical Education (Lehrbonus), University of Ulm, Germany, 1998

Academic Teaching Grants:

- Multimedia teaching software development for microbiology and infectious diseases (State Ministry of Research and Higher Education, Baden-Württemberg, Stuttgart, D), 1998, Grant: EUR 5m.

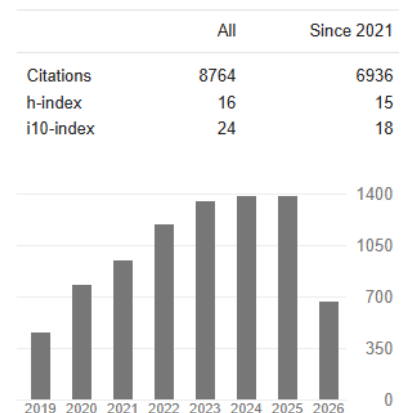
Supervision of Master Thesis students:

- MSc in Infection Control. Olivia Cowles, London School of Hygiene and Tropical Medicine.

Publications, Presentations/Lectures (Summary)

Publications (peer-reviewed):

- Accepted (0) or published (31): 31
- Submitted (4) or in preparation (2): 6
- **Total:** 37
- Relative Citation Ratio ([RCR](#)): 297.07 (cumulative)
- Impact factor (cumulative): 156.7
- Orcid ID: <https://orcid.org/0000-0002-2646-9494>
- ResearchGate: <https://www.researchgate.net/profile/Jens-Thomsen-8>
- [Scopus](#)
 - *h*-index: 14
 - Citations (14 July 2026): 6,174
 - [Scopus ID](#): 7201560544
- [Google Scholar](#):
 - *h*-index: 16
 - i10-index: 24
 - Citations (22 June 2026): 8,764
 - [Google Scholar ID](#): 8vfwN1cAAAAJ
- Reviewer for **BMC Infect Dis; J Infect Public Health; Infection, Disease & Health; Int J Environ Health Res; Lancet Reg Health – East Mediterr**
- Guest editor for **BMC Med Inform Decis Mak**
- Detailed list of publications: see **Appendix 1**



Publications (other):

- Books: 2
- Dissertations & Master-Theses: 3
- Guidelines: 4
- Reports and other documents: 27
- **Total:** 36
- Detailed list of publications: see **Appendix 2**

Presentations:

- **180+** oral presentations and **11 poster papers** in 16 countries across 4 continents, including:
 - Academic presentations at national and international conferences
 - Academic lectures for students (university)
 - Academic lectures and workshops for physicians and other healthcare professionals
 - CME-/CPD-accredited talks and training workshops
 - Presentations and training workshops for WHO and Ministries of Health (international consultancies)
 - Other presentations & lectures
- Detailed list of presentations and lectures: see **Appendix 3**

Committees, Task Forces & Working Groups, Professional Societies, Appointments

1. Member, Swiss Society for Microbiology (SSM)	2024-present
2. Member, European Society of Clinical Microbiology and Infectious Diseases (ESCMID)	2020-present
3. Member, Emirates Society of Clinical Microbiology (ESCM), UAE	2019-present
4. Member, German Society for Medical Microbiology and Hygiene (DGHM), Germany	2000-present
5. Associate Clinical Professor (adjunct), Khalifa university, Abu Dhabi, UAE	2022-2024
6. President, Emirates Society of Clinical Microbiology, UAE	2022-2023
7. Chair, Scientific Committee, Emirates Society of Clinical Microbiology, UAE	2019-2021
8. National Focal Point for the United Arab Emirates (UAE) for WHO-GLASS	2016-2023
9. Chair, UAE National Sub-Committee for Surveillance of Antimicrobial Resistance (AMR)	2015-2023
10. Board Member, German International School Abu Dhabi, UAE	2015-2017
11. Member, UAE Higher Committee on Antimicrobial Resistance	2014-2023
12. Member, UAE National Sub-Committee for Antibiotic Stewardship	2014-2023
13. Member, UAE National Review Panel for Radiation Safety Regulations	2012-2023
14. Member, Abu Dhabi Emirate Review Panel for Water, Wastewater Regulations	2012-2023
15. Chair, Abu Dhabi Emirate Task Force for Injury Prevention	2012-2014
16. Member, UAE National Blue Flag Committee	2010-2016
17. Chair, HAAD Task Force for Occupational and Environmental Health & Safety	2009-2012
18. Member, UAE National Strategy for Environmental Health: Technical Committee	2008-2012
19. Chair, Abu Dhabi Steering Committee, In-Depth-Crash Investigation research project	2008-2012
20. Chair, HAAD Working Group on Tobacco Control, Abu Dhabi, UAE	2007-2010
21. Member, German Working Group for Hospital Infection Control Laboratory Standards	2006-2007
22. Principal investigator, Multicenter study on molecular epidemiology of <i>S. pneumoniae</i>	2002-2003
23. Chair, Organizational Committee for 5 th International Conference on Legionella, Ulm, Germany	2001
24. Chair, Organizational Committee, Ulmer Hygiene-Symposium, Ulm, Germany	2001, 2003, 2005
25. Member, German Society for Infectious Disease (DGI)	1998-2012
26. Member, Swiss Society for Hospital Infection Control (SGSH)	1998-2008

Awards

1. Special Award, Emirates Medical Association (EMA), Emirates Society of Clinical Microbiology	2023
2. Winner, Gulf Traffic Platinum Award, Dubai, UAE	2013
3. Winner, Gulf Traffic Award: Best Road User Education Award in the Gulf Region, Dubai, UAE	2013
4. Certificate of Appreciation, Director General, Health Authority – Abu Dhabi, UAE	2013
5. Winner, International IOSH Award, for: HAAD Height Aware Program, London, UK	2013
6. Finalist, International IOSH Award, for: HAAD Safety in the Heat Program, London, UK	2010
7. Winner, Gulf Traffic Award: Best Behavioral Change Road Safety Campaign, Dubai, UAE	2009
8. Letter of Appreciation, Chairman, Health Authority – Abu Dhabi, UAE	2008
9. Employee of the Month, Division of Public Health & Policy, Health Authority – Abu Dhabi, UAE	2007
10. Fellow of the German Society for Microbiology & Hygiene (DGHM), MPH study grant (USA)	2002
11. Award for Excellence in Medical Education (Lehrbonus), University of Ulm, Germany	1998

Grants and successful project budget requests (Total: ~20m USD)

1. USD 0.4m: INFECT.ae – Empirical Antimicrobial Therapy IT application	2022
2. USD 1.0 m: Abu Dhabi Ambient and Indoor Air Quality Initiative, DoH, UAE	2019-2024
3. USD 0.1m: Occupational Noise Awareness & Training Program, DoH, UAE	2014
4. USD 9.5m: Health, Safety and Environment Dept., DoH, UAE	2012
5. USD 0.1m: Review and Validation of Injury Surveillance Program, DoH, UAE	2011
6. USD 0.3m: Height Aware: Occupational Falls Injury Prevention Program, DoH, UAE	2011
7. USD 0.4m: Heat-related occupational illness prevention program, DoH, UAE	2009
8. USD 0.1m: Scientific validation of TWL: a new heat stress index for Gulf countries	2008
9. USD 1.0m: In-Depth Crash Investigation of Fatal & Serious Road Traffic Injuries	2008
10. USD 0.3m: Tobacco Control Awareness Campaign (UAE Government)	2007
11. USD 0.2m: Grant to study for MPH in the US (DGHM, Germany)	2002
12. USD 2.9m: Multimedia teaching software development for microbiology and infectious diseases (State Ministry of Research and Higher Education, Baden-Wuerttemberg, Germany)	1998

Skills & Hobbies

Languages:	English, German
Computer Skills:	Proficient in Microsoft Word, Excel, PowerPoint, Outlook
Epi/Statistic Packages:	SAS, SPSS, WHONET/BacLink, EpiInfo, Tableau
Hobbies:	Travelling, cycling, scuba diving

Appendix 1: Publications (peer-reviewed journals)In preparation (to be submitted):

1. Associated deaths and disability-adjusted life-years lost caused by infections with antibiotic-resistant bacteria in the United Arab Emirates: a population-level modelling analysis, 2010-2023
2. Development and Implementation of a National Surveillance Program for Antimicrobial Resistance in the Maldives

Submitted

1. Anes F, Ghazawi A, Pankaj Vanam H, Aljneibi D, Khan M, Jabeen F, Alsuwaidi AR, **Thomsen J**, AlBataineh M, Weber S, Gibas C, Wiederhold NP, Al Dhaheri F. *Microsporium canis* Complex Infections in the United Arab Emirates: Clinical, Molecular, and Antifungal Susceptibility Profiles. Submitted to: **Medical Mycology** (17 Jun 2026)
2. **Thomsen J**/Senghore M, Abdulrazzaq NM et al. Trends of Antimicrobial Resistance in Urinary Tract Infections across the United Arab Emirates: A retrospective national AMR surveillance study from 2010-2022. Submitted to: **IJID** (Nov 2025)
3. Jawhar D, Thomas P, **Thomsen J**, Bandaru, S. Management of Camel bite with Auricular Cartilage Laceration and Scalp Injury: A Case report. Submitted to: **Wilderness Environ Med** (19 Nov 2025)
4. Senghore M/**Thomsen J**, Abdulrazzaq NM et al. Rising Burden of Antimicrobial Resistance and Emergent Fungal Bloodstream Infections in the UAE: A 13-Year Nationwide Surveillance. Submitted to: **IJID** (14 July 2026)

Accepted:

1. N/A

Published:

1. Senghore M/**Thomsen J**/Abdulrazzaq NM, Chen W, Kaambo E, Weber S, Jabeen F, The UAE AMR Surveillance Consortium, Menezes GA, Senok A, Everett DB, Moubareck CA. Trends in Antimicrobial Resistance associated with Gastrointestinal tract Infections in the UAE: A comprehensive retrospective surveillance 13-year (2010-2022) study. **International Journal of Infectious Diseases**. 2026. <https://doi.org/10.1016/j.ijid.2026.108789>. IF: 4.3 (2026). PMID: 42162707
2. Vanam HP, Ghazawi A, Aljneibi D, Khan M, Jabeen F, Alsuwaidi AR, **Thomsen J**, AlBataineh M, Weber S, Gibas C, Wiederhold NP, Al Dhaheri F. The Evolving Landscape of Dermatophytosis in the UAE: Trichophyton indotineae and Related Genotypes. **Mycoses**. 2026 Mar;69(3): e70167. <https://doi.org/10.1111/myc.70167>. IF: 3.1 (2026). PMID: 41869969.
3. Senghore M/**Thomsen J**, Abdulrazzaq NM et al. Evolving Landscape of Respiratory Infections and AMR in the UAE: A 12-Year Nationwide Study of Regional Burden, Epidemiologic Trends and Policy Implications. **International Journal of Infectious Diseases**. 2026. <https://doi.org/10.1016/j.ijid.2026.108389>. IF: 4.3 (2026). PMID: 41534563.
4. Worp, N., Nieuwenhuijse, D.F., Izquierdo-Lara, R.W., ..., **Global Sewage Surveillance Consortium** et al. Unveiling the global urban virome through wastewater metagenomics. **Nat Commun** 16, 10707 (2025). <https://doi.org/10.1038/s41467-025-65208-x>. IF: 15.7 (2025). PMID: 41315190.
5. Martiny, HM., Munk, P., Fuschi, A., **Global AMR Sewage Consortium** et al. Geographics and bacterial networks differently shape the acquired and latent global sewage resistomes. **Nat Commun** 16, 10278 (2025). <https://doi.org/10.1038/s41467-025-66070-7>. IF: 15.7 (2025). PMID: 41355428.
6. Ahmad S, Boekhout T, Al-Hatmi AMS, Al-Harrasi A, Khateb AM, Al Dhaheri F, Bin Shuraym H, **Thomsen J**, Alobaid K, Asadzadeh M, Taj-Aldeen S, Alwasel S, Alfouzan W, Khan Z, Salah H (2024). The epidemiology of yeast-related infections on the Arabian Peninsula. **Mycoses**. 2025; 68:e70073. <https://doi.org/10.1111/myc.70073>, IF: 4.1 (2025). PMID: 40491235.
7. **Thomsen J**, Abdulrazzaq NM, Nyasulu PS, Al Hosani F, Habous M, Weber S, Jabeen F, The UAE AMR Surveillance Consortium, G. Menezes; C.A. Moubareck; A. Senok, D.B. Everett (2024). Epidemiology and Antimicrobial Resistance of *Mycobacterium* spp. in the United Arab Emirates: A retrospective analysis of twelve years of National AMR Surveillance Data. **Front Public Health**. 2024 Jun 14;12:1244353. <https://doi.org/10.3389/fpubh.2024.1244353>, IF: 3.14 (2024). PMID: 38947352.
8. Al Dhaheri F, **Thomsen J**, Everett D, Denning DW (2024). Mapping the Burden of Fungal Diseases in the United Arab Emirates. **J Fungi**. 2024 May 15;10(5):353. <https://doi.org/10.3390/jof10050353>, IF: 4.2 (2024). PMID: 38786708. RCR: 3.18
9. **Thomsen J**, Abdulrazzaq NM, Oulhaj A, Nyasulu PS, Alatum A, Denning DW, Al Dhaheri F, the UAE AMR Surveillance Consortium, Menezes GA, Moubareck CA, Senok A and Everett DB (2024). Emergence of highly

- resistant *Candida auris* in the United Arab Emirates: a retrospective analysis of evolving national trends. **Front Public Health**. 2024 Jan 12;11:1244358. <https://doi.org/10.3389/fpubh.2023.1244358>, IF: 3.14 (2024). PMID: [38292390](https://pubmed.ncbi.nlm.nih.gov/38292390/). RCR: 5.75
10. **Thomsen J**, Abdulrazzaq NM, AlRand H, The UAE AMR Surveillance Consortium, Everett DB, Senok A, Menezes GA and Ayoub Moubareck C (2024). Epidemiology and antimicrobial resistance trends of *Acinetobacter* species in the United Arab Emirates: a retrospective analysis of 12 years of national AMR surveillance data. **Front Public Health**. 2024 Jan 4;11:1245131. <https://doi.org/10.3389/fpubh.2023.1245131>, IF: 3.14 (2024). PMID: [38239785](https://pubmed.ncbi.nlm.nih.gov/38239785/). RCR: 4.78
 11. **Thomsen J**, Abdulrazzaq NM and The UAE AMR Surveillance Consortium, Everett DB, Menezes GA, Senok A and Ayoub Moubareck C (2023). Carbapenem resistant Enterobacterales in the United Arab Emirates: a retrospective analysis from 2010 to 2021. **Front Public Health**. 2023 Dec 7;11:1244482. <https://doi.org/10.3389/fpubh.2023.1244482>, IF: 3.14 (2023). PMID: [38145078](https://pubmed.ncbi.nlm.nih.gov/38145078/). RCR: 2.20
 12. **Thomsen J**, Abdulrazzaq NM, The UAE AMR Surveillance Consortium, Menezes GA, Ayoub Moubareck C, Everett DB and Senok A (2023). Methicillin resistant *Staphylococcus aureus* in the United Arab Emirates: a 12-year retrospective analysis of evolving trends. **Front Public Health**. 2023 Dec 7;11:1244351. <https://doi.org/10.3389/fpubh.2023.1244351>, IF: 3.14 (2023). PMID: [38145065](https://pubmed.ncbi.nlm.nih.gov/38145065/). RCR: 2.75
 13. **Thomsen J**, Menezes GA, Abdulrazzaq NM, The UAE AMR Surveillance Consortium, Moubareck CA, Senok A and Everett DB (2023). Evolving trends among *Pseudomonas aeruginosa*: a 12-year retrospective study from the United Arab Emirates. **Front Public Health**. 2023 Nov 30;11:1243973. <https://doi.org/10.3389/fpubh.2023.1243973>, IF: 3.14 (2024). PMID: [38106909](https://pubmed.ncbi.nlm.nih.gov/38106909/). RCR: 1.99
 14. **Thomsen J**, Abdulrazzaq NM, AlRand H, The UAE AMR Surveillance Consortium, Menezes GA, Moubareck CA, Everett DB, Senok A and Podbielski A (2023). Epidemiology of vancomycin-resistant enterococci in the United Arab Emirates: a retrospective analysis of 12 years of national AMR surveillance data. **Front Public Health**. 2023 Nov 27;11:1275778. <https://doi.org/10.3389/fpubh.2023.1275778>, IF: 3.14 (2023). PMID: [38089023](https://pubmed.ncbi.nlm.nih.gov/38089023/). RCR: 1.99
 15. **Senok A/Thomsen J**, Abdulrazzaq NM, The UAE AMR Surveillance Consortium, Menezes GA, Ayoub Moubareck C and Everett D (2023). Antimicrobial resistance in *Streptococcus pneumoniae*: a retrospective analysis of emerging trends in the United Arab Emirates from 2010 to 2021. **Front Public Health**. 2023 Nov 23;11:1244357. <https://doi.org/10.3389/fpubh.2023.1244357>, IF: 3.14 (2023). PMID: [38074724](https://pubmed.ncbi.nlm.nih.gov/38074724/). RCR: 1.76
 16. **Thomsen J**, Abdulrazzaq NM, AlRand H and The UAE AMR Surveillance Consortium (2023). Surveillance of antimicrobial resistance in the United Arab Emirates: the early implementation phase. **Front Public Health**. 2023 Nov 23;11:1247627. <https://doi.org/10.3389/fpubh.2023.1247627>, IF: 3.14 (2023). PMID: [38074700](https://pubmed.ncbi.nlm.nih.gov/38074700/). RCR: 4.04
 17. Munk P, Brinch C, Moller FD et al. and the **Global Sewage Consortium** (2022). Genomic analysis of sewage from 101 countries reveals global landscape of antimicrobial resistance. **Nature Commun**. 2022 Dec 1;13(1):7251. <https://doi.org/10.1038/s41467-022-34312-7>, IF: 16.6 (2022). PMID: [36456547](https://pubmed.ncbi.nlm.nih.gov/36456547/). RCR: 19.78
 18. Tibor Pál, Aqdas Bilal Butt, Akela Ghazawi, **Jens Thomsen**, Tahir A. Rizvi, Agnes Sonnevend (2022). Early years of Carbapenem-Resistant *Enterobacterales* Epidemic in Abu Dhabi. **Antibiotics**. 2022 Oct 19;11(10):1435. <https://doi.org/10.3390/antibiotics11101435>, IF: 4.93 (2022). PMID: [36290093](https://pubmed.ncbi.nlm.nih.gov/36290093/). RCR: 0.74
 19. Sonnevend A, Abdulrazzaq N, Ghazawi A, **Thomsen J**, Bharathan G, Makszin L, Rizvi TA, Pal T, UAE CRE Study Group (2022). The first nation-wide surveillance of carbapenem resistant *Enterobacteriaceae* in the United Arab Emirates – increased association of *Klebsiella pneumoniae* CC14 clone with Emirati patients. **Int J Infect Dis** 2022 Jul;120:103-112. <https://doi.org/10.1016/j.ijid.2022.04.034>, IF: 8.4 (2022). PMID: [35470020](https://pubmed.ncbi.nlm.nih.gov/35470020/). RCR: 1.58
 20. Balkhy HH et al. (2018). Antimicrobial Resistance: A round table discussion on the “One Health” concept from the Gulf Cooperation Council Countries. Part Two: A focus on Human Health. **J Infect Public Health** 2018 Nov-Dec;11(6):778-783. <https://doi.org/10.1016/j.jiph.2018.05.008>, IF: 2.23 (2018). PMID: [30396639](https://pubmed.ncbi.nlm.nih.gov/30396639/). RCR: 0.54
 21. Balkhy HH et al. (2018). Antimicrobial Resistance: A round table discussion on the “One Health” concept from the Gulf Cooperation Council Countries. Part One: A focus on Leadership. **J Infect Public Health** 2018 Nov-Dec; 11(6):771-777. <https://doi.org/10.1016/j.jiph.2018.05.007>, IF: 2.23 (2018). PMID: [30396638](https://pubmed.ncbi.nlm.nih.gov/30396638/). RCR: 0.57
 22. Alatoon A, Sartawi M, Lawlor K, AbdelWareth K, **Thomsen J**, Nusair A, Mirza I (2018). Case Report: Persistent candidemia despite appropriate fungal therapy: First case of *Candida auris* from the United Arab Emirates. **Int J Infect Dis** 2018 May;70:36-37. <https://doi.org/10.1016/j.ijid.2018.02.005>, IF: 3.54 (2018). PMID: [29452247](https://pubmed.ncbi.nlm.nih.gov/29452247/). RCR: 3.51
 23. Tacconelli E, Carrara E, Savoldi A et al., and the **WHO Pathogens Priority List Working Group**. (2018). Discovery, research, and development of new antibiotics: the WHO priority list of antibiotic-resistant bacteria and tuberculosis. **Lancet Infect Dis**. 2018 Mar;18(3):318-327. [https://doi.org/10.1016/S1473-3099\(17\)30753-3](https://doi.org/10.1016/S1473-3099(17)30753-3), IF: 27.52 (2018). PMID: [29276051](https://pubmed.ncbi.nlm.nih.gov/29276051/). RCR: 237.26
 24. Rahman MH, Allen KA, Hyder AA, and **Health Authority of Abu Dhabi (HAAD)*** (2016). Descriptive epidemiology of injury cases: Findings from a pilot injury surveillance system in Abu Dhabi. **Int J Inj Contr & Saf**

- Promot.** 2016;23(2):214-23. *Note: HAAD includes **Thomsen J**, Joubert D, and Huang D. <https://doi.org/10.1080/17457300.2014.908225>, IF: 0.875 (2016). PMID: [25262785](https://pubmed.ncbi.nlm.nih.gov/25262785/). RCR: 0.18
25. MacDonald J, **Thomsen J**, Launay F, Harder E, DeFelice N (2013). Deaths and Medical Visits Attributable to Environmental Pollution in the United Arab Emirates. **PLOS One**. 2013 Mar 4;8(3):e57536. <https://doi.org/10.1371/journal.pone.0057536>, IF: 3.53 (2013). PMID: [23469200](https://pubmed.ncbi.nlm.nih.gov/23469200/). RCR: 0.32
 26. Grivna M, Aw TC, El-Sadig M, Loney T, Sharif AA, **Thomsen J**, Mauzi M, Abu-Zidan F (2012). The legal framework and initiatives for promoting safety in the United Arab Emirates. **Int J Injury Contr & Saf Promot**, 2012 Jul 17;19(3):278-89. <https://doi.org/10.1080/17457300.2012.696660>, IF: 0.8 (2012). PMID: [22803840](https://pubmed.ncbi.nlm.nih.gov/22803840/). RCR: 1.32
 27. Miller V, Bates G, Schneider J, **Thomsen J** (2011). Self-pacing as a Protective Mechanism against the Effects of Heat Stress. *Ann Occup Hyg* 2011 Jun;55(5):548-55. <https://doi.org/10.1093/annhyg/mer012>, IF: 1.95 (2011). PMID: [21474543](https://pubmed.ncbi.nlm.nih.gov/21474543/). RCR: 2.35
 28. Joubert D, **Thomsen J**, Harrison O (2011). Safety in the Heat: a comprehensive program for prevention of heat illness among workers in Abu Dhabi, United Arab Emirates. **Am J Public Health**. 2011 Mar;101(3):395-8. <https://doi.org/10.2105/AJPH.2009.189563>, IF: 3.93 (2011). PMID: [21307373](https://pubmed.ncbi.nlm.nih.gov/21307373/). RCR: 0.80
 29. Schwarz M, Isenmann R, **Thomsen J**, et al. (2001). Efficacy of oral ofloxacin for single-dose perioperative prophylaxis in general surgery – a controlled randomized clinical study. **Langenbecks Arch Surg** 2001 Nov;386(6):397-401. <https://doi.org/10.1007/s004230100245>, IF: 1.69 (2001). PMID: [11735011](https://pubmed.ncbi.nlm.nih.gov/11735011/). RCR: 0.23
 30. Schwarz M, Isenmann R, Weikert E, Ebeling P, **Thomsen J**, Beger HG (2001). Pharmacokinetic basis for oral perioperative prophylaxis with ofloxacin in general surgery. **Infection**. 2001 Aug;29(4):222-7. <https://doi.org/10.1007/s15010-001-1151-5>, IF: 1.34 (2001). PMID: [11545485](https://pubmed.ncbi.nlm.nih.gov/11545485/). RCR: 0.13
 31. Schwarz M, **Thomsen J**, Meyer H, Büchler MW, Beger HG (2000). Frequency and time course of pancreatic and extrapancreatic bacterial infection in experimental acute pancreatitis in rats. **Surgery**. 2000 Apr;127(4):427-32. <https://doi.org/10.1067/msy.2000.104116>, IF: 1.74 (2000). PMID: [10776434](https://pubmed.ncbi.nlm.nih.gov/10776434/). RCR: 1.64

Appendix 2: Other publications (non-peer-reviewed)

Books:

1. Healthcare in the United Arab Emirates. Humaid O. Al-Shamsi (Editor). 19 Dec **2025**. Springer. ISBN-13 978-9819605224. [Link](#)
2. Environmental Burden of Disease Assessment: A Case Study in the United Arab Emirates. Editors & lead authors: MacDonald J, Brammer A, Davidson C, Folley T, Launay F, **Thomsen J**. Springer, Feb 28, **2013**. <https://link.springer.com/book/10.1007/978-94-007-5925-1>

Dissertations & Master-Theses:

3. Development and Implementation of a Public Health Information Management System for Surveillance of Antimicrobial Resistance (AMR) to assess the impact of AMR on patient health outcome in the United Arab Emirates. **Jens Thomsen**. MSc Master thesis. Swiss Business School, Zürich, CH, **2024**
4. Clinical outcome and microbiological epidemiology of invasive pneumococcal disease in Croatia. **Jens Thomsen**. MPH Master thesis. Rollins School of Public Health, Emory University, Atlanta, GA, USA, **2003**
5. Bakterielle Translokation bei akuter nekrotisierender Pankreatitis im Tiermodell [Bacterial translocation in acute necrotising pancreatitis – an animal model]. **Jens Thomsen**. Dissertation zum Dr. med., Universität Ulm, D, **1996**

Guidelines/Recommendations:

6. National Guidelines on the Empiric Antibiotic Treatment of Skin and Soft Tissue Infections. Ministry of Health and Prevention (MOHAP), Dubai, UAE, June **2024**. Available online at [MOHAP Open Data](#)
7. National Guidelines on the Empiric Antibiotic Treatment of Urinary Tract Infections in Pediatrics. Ministry of Health and Prevention (MOHAP), Dubai, UAE, May **2024**. Available online at [MOHAP Open Data](#)
8. National Guidelines on the Empiric Antibiotic Treatment of Urinary Tract Infections. Ministry of Health and Prevention (MOHAP), Dubai, UAE, September **2021**. Available online at [MOHAP Open Data](#)
9. Mikrobiologisch-Infektiologische Qualitätsstandards [Microbiological-infectious disease quality standards] (MIQ) No. 22 and No. 23, Krankenhaushygienische Untersuchungen [hospital infection control investigations], part I and part II. Trautmann M, Christiansen B, Häfner H, Lemmen S, Martiny H, Okpara-Hofmann J, Regnath T, Synowzik I, **Thomsen J**, Wendt C, Zeller E. Urban and Fischer, **2005**

Reports and other documents:

10. National AMR Surveillance Report 2024. Patient-based Surveillance of Antimicrobial Resistance in the Maldives. Ministry of Health, Malé, Maldives; **2025**. <https://health.gov.mv/storage/uploads/5qRxeQwx/8bayhasz.pdf>
11. UAE National Air Quality Agenda 2031. UAE Ministry of Climate Change and Environment (MOCCAEE). 6 Oct **2025**. Available online at: [The National Air Quality Agenda 2031 | The Official Platform of the UAE Government](https://www.moccae.gov.ae/en/air-quality-agenda-2031)
12. National AMR Surveillance Framework 2025-2027. Patient-based Surveillance of Antimicrobial Resistance in the Maldives. 25 September 2025. Ministry of Health & WHO Country office, Male, Maldives. Available online at: <https://mfda.gov.mv/en/publications/national-amr-surveillance-framework-2025-2027>
13. National AMR Surveillance Report. Annual Report **2023**. Ministry of Health and Prevention (MOHAP), Dubai, UAE. Available online at: <https://mohap.gov.ae/en/open-data/mohap-open-data>
14. Abu Dhabi Antimicrobial Resistance Surveillance Report 2010-2022. Abu Dhabi Public Health Center (ADPHC), Abu Dhabi, United Arab Emirates; **2023**.
15. National AMR Surveillance Report. Annual Report **2022**. Ministry of Health and Prevention (MOHAP), Dubai, UAE. Available online at: <https://mohap.gov.ae/en/open-data/mohap-open-data>
16. Jordan Ministry of Health. National AMR Surveillance Report **2022**. [https://www.moh.gov.jo/ebv4.0/root_storage/ar/eb_list_page/jordan_national_amr_surveillance_report_2022_\(final\).pdf](https://www.moh.gov.jo/ebv4.0/root_storage/ar/eb_list_page/jordan_national_amr_surveillance_report_2022_(final).pdf)
17. Global Antimicrobial Resistance and Use Surveillance System (GLASS) Report 2022. Geneva: World Health Organization; **2022**. License: CC BY-NC-SA 3.0 IGO. Available online at: <https://www.who.int/publications/i/item/9789240062702>
18. 2nd Global Antimicrobial Resistance Surveillance System (GLASS) Report. Early implementation. 2017-2018. Geneva: World Health Organization; **2018**. ISBN 978-92-4-151506-1. www.who.int
19. 1st Global Antimicrobial Resistance Surveillance System (GLASS) Report. Early implementation. 2016-2017. Geneva: World Health Organization; **2017**. ISBN 978-92-4-151344-9. www.who.int
20. Prioritization of pathogens to guide discovery, research and development of new antibiotics for drug-resistant bacterial infections, including tuberculosis. World Health Organization, **2017**. Ref.: WHO/EMP/IAU/2017.12.
21. Selected Annual Trends for Antimicrobial Resistance in Abu Dhabi Emirate. Communicable Diseases Bulletin, Health Authority Abu Dhabi, United Arab Emirates, **Q1/2017 to Q2/2019** (quarterly bulletin).
22. National Strategy and Action Plan for Combatting Antimicrobial Resistance (NAP-AMR). United Arab Emirates. **2019-2023**. Ministry of Health and Prevention (MOHAP), Dubai, UAE.
23. Report on the WHO EMRO First Inter-Country workshop for National Focal Points for Antimicrobial Resistance (NFP-AMR) for Countries in the Eastern Mediterranean Region, Casablanca, March **2016**
24. World Health Organization. Antimicrobial Resistance: Global Report on Surveillance. April **2014**. (Provided the first country-level AMR data ever for the United Arab Emirates).
25. World Health Organization, Eastern Mediterranean Regional Office (EMRO): Report on the Consultative meeting on Antimicrobial Resistance for Countries in the Eastern Mediterranean Region: from policies to action, Sharm El Sheikh, Egypt, 12–14 November **2013**.
26. Communicable Disease Bulletin, Department of Health, Abu Dhabi, UAE: Several articles on antimicrobial resistance surveillance, and quarterly reports on antimicrobial resistance trends. **2015 to 2018**.
27. The development of an injury and poisoning surveillance system in the Emirate of Abu Dhabi - A case study. Huang DCM, Allen KA, **Thomsen J**, Joubert D, Rahman MH, and Hyder A. Submitted to: J Emerg Med. (not published)
28. Health Authority Abu Dhabi Circular: Epidemiology of Carbapenem-resistant *Enterobacteriaceae* (CRE), **2013**
29. High Level Strategy for Air Quality and Noise for the Emirate of Abu Dhabi (2014-2018), Government of Abu Dhabi. Al-Madfaei MY, **Thomsen J**, Al-Shamsi LJR, Cordeiro M, Ba Sahel M, Al Nuaimi AA, Bou Ghanem M. June **2013**.
30. Mapping Cardiovascular and Respiratory Diseases in the United Arab Emirates: A Comparison of Methods. Hasan M, MacDonald-Gibson J, Serre M, Yeatts K, **Thomsen J**, Harrison O, Farah Z. Science of the Total Environment. Not submitted.
31. Suicides in Abu Dhabi, United Arab Emirates. Dervic K, Al Hassani G, Joubert DD, Ahmed Faiza, **Thomsen J**, Al Alawi L, Yousef Said, Moselhy H, Sonneck G, Harrison O. To be submitted to Int J Social Psychiatry (submission was stopped by DoH senior management for political considerations).
32. APUA-Abu Dhabi Chapter update on antimicrobial resistance. APUA Newsletter Vol. 30 Nr. 3, **2012**, pp 18-19.
33. National Strategy and Action Plan for Environmental Health. United Arab Emirates. Environment Agency Abu Dhabi (EAD). **2010**.
34. Health Sector Environment, Health and Safety Management System (Health Sector EHSMS). **Thomsen J**, Joubert D., Smit E., Al Alawi LM. Health Authority Abu Dhabi. **2011**.
35. Health Authority - Abu Dhabi Environment, Health and Safety Management System (HAAD Facility EHSMS). **Thomsen J**, Joubert D., Smit E., Al Alawi LM. Health Authority Abu Dhabi. **2011**.

36. Seitz, A., Martens, A., Bernauer, J., Scheuerer, C., **Thomsen, J.**: An Architecture for Intelligent Support of Authoring and Tutoring in Multimedia Learning Environments. Proceedings of ED-MEDIA, Seattle (USA), June, 1999.

Appendix 3.1: Presentations (oral)

National conferences (n=22), international conferences (n=41)

2026

1. Resistenz-Statistik/kumulatives Antibiotogramm. Interne Fortbildung MikroMol. 25 Jun 2026. Medics Labor AG, Bern, BE, **CH**
2. Antibiotika-Resistenzstatistik 2.0: Digitale praxisnahe Entscheidungshilfen für eine optimierte und gezieltere empirische Antibiotikatherapie. Anwendertreffen «Transforming Microbiology». Waters™ (BD Diagnostic Solutions). 11.-12. Jun 2026, Heidelberg, **D**
3. WHONET – die mikrobiologische Labordatenbank. Interne Fortbildung. Medics Labor AG, 29 Apr 2026, Bern, **CH**
4. INFECT AMR - Das Medics Online Tool für eine Optimierte Empirische Antimikrobielle Therapie (EAT). mediX academy. 26 Mar 2026, Bern, **CH**
5. Hygiene im Labor. Interne Fortbildung. Medics Labor AG. 5 Feb 2026, Bern, **CH**

2025

6. From Data to Action: National AMR/AMU Surveillance for Smarter Antibiotic Stewardship – Insights from the UAE, Maldives, and Switzerland. Antimicrobial Stewardship Symposium: From Policy to Practice. Faculty of Medicine, 2 or 3 Dec 2025. Galala University, Al Galala, **Egypt** (online)
7. Hygiene im Labor. Interne Fortbildung. 26 Nov 2025. Medics Labor AG, BE, **CH**
8. Resistenzen bei Pilzen: *Candidozyma (Candida) auris*. Interne Fortbildung. 05 Nov 2025. Medics Labor AG, Bern, BE, **CH**
9. Brief on AMR Surveillance and Trends / Antimicrobial Stewardship / LAARC Assessment / AMR Data cleaning and submission. AMR Surveillance Workshop. Fuvamulah Hospital & Addu Equatorial Hospital. 4.-8. Nov 2025. **Maldives** (online).
10. Bestimmung Impftiter: Wann ist sie sinnvoll? 23.10.2025. Argomed Qualitätszirkel, Aarau AG, **CH** (online)
11. Implementing National AMR Surveillance in the UAE: Challenges, Successes, and Future Directions. BD Symposium: Innovations in Healthcare: Bridging Global Strategies and Local Implementations. 10 Sep 2025, Al Khobar/Dammam, **KSA**
12. Praxisrelevante Erreger mit Case Reports (Gynäkologie). Rappjmed Medizinisches Zentrum, Rapperswil-Jona, D, 18 Jun 2025, **CH**
13. Reduktion von Breitband-Antibiotika-Verordnungen im Emirat Abu Dhabi, VAE. ABS expert-Kurs (Antibiotic Stewardship). Akademie für Infektionsmedizin e.V., Freiburg im Breisgau, **D**, 27 May 2025
14. Antibiotikaresistenzen in der Pädiatrie. 31 Mar 2025. Rappjmed, St. Gallen, SG, **CH**
15. Antibiotika und Antibiotikaresistenzen. Interne Fortbildung. 14 Jan 2025, Medics Labor AG, Bern, BE, **CH**

2024

16. WHONET – Software for AMR Surveillance and Laboratory Data Management. Workshop. Indira Ghandi Memorial Hospital (IGMH). WHO consultancy. 14-15. Dec 2024. Ministry of Health, Male, **Maldives**
17. Maldives National AMR Surveillance Framework. Stakeholder Consultation Workshop. 12 Dez 2024. WHO consultancy. Ministry of Health, Male, **Maldives**
18. National AMR surveillance reports, data management, and WHO-GLASS. WHO consultancy. 11 Dez 2024. Ministry of Health, Male, **Maldives**
19. Laboratory Assessment for Antibiotic Resistance Testing Capacity (LAARC). WHO consultancy. 10 Dez 2024. Ministry of Health, Male, **Maldives**
20. Introduction to WHONET. WHO consultancy. 23 Oct 2024. Kulhudhuffushi Island, Haa Dhaalu Atoll, **Maldives**
21. Antibiotikaresistenzen im Praxisalltag. 17 Oct 2024, ARGOMED Forum, Windisch, **CH**
22. Clinical microbiology in daily medical routine. 27 Jun 2024, Medics Labor AG, Mels, **CH**
23. Pre-analytics in clinical microbiology. 27 Mar 2024, Medics Labor AG, Rapperswil-Jona, **CH**
24. Selected and rare gynecological Infections. 7 Feb 2024, Medics Labor AG, Rapperswil-Jona, **CH**

2023

25. Update on AMR Levels and Trends in the UAE. 3rd Annual Conference of the Emirates Society of Clinical Microbiology. 4 Nov 2023, Dubai, **UAE**
26. UAE Experience with WHONET. Jordan AMR Surveillance Workshop. Ministry of Health. May 2023, Amman, **Jordan**
27. WHONET Workshop. Ministry of Health. 17 May 2023, Kuwait City, **Kuwait**
28. Antibigram Solutions – WHONET as an Example. 1st Ibn Sina Hospital Antimicrobial Stewardship Conference & Workshop. 6-7 May 2023, Kuwait City, **Kuwait**
29. MDRO in the UAE – Where do we stand? 8th Dubai International Conference on Infectious Diseases and Vaccination (DICID). 17-18 April 2022, Dubai, **UAE**
30. Update on AMR Levels and Trends in the UAE. 6th UAE International Conference on Antimicrobial Resistance (ICAMR). 17-18 March 2022, Dubai, **UAE**
31. Updated on AMR Resistance Levels and Trends in the UAE. MOHAP ASP Event/GSK. 8 March 2023, Dubai, **UAE**
32. UAE Experience with WHONET. AMR Surveillance Workshop. Saudi Public Health Authority, 5-6 March 2023, Riyadh, **KSA**
33. Surveillance of Antimicrobial Resistance in the UAE. CEFAS One Health Workshop, Khalifa University. 27-28-Feb 2023, Abu Dhabi, **UAE**
34. Surveillance of Antimicrobial Resistance. 1st International Infectious Disease Conference. 16-17 Feb 2023, Doha, **Qatar**
35. Mycobacteria. Lecture for MD Students (human medicine). 1 Feb 2023. College of Medical and Health Sciences. Khalifa University, Abu Dhabi, **UAE**
36. The Microbiology Lab. Lecture for MD Students (human medicine). 1 Feb 2023. College of Medical and Health Sciences. Khalifa University, Abu Dhabi, **UAE**
37. UAE Experience on WHONET. ATC-BD Event for Microbiology – One Health Approach to AMR. 17 Jan 2023, Kuwait City, **Kuwait**

2022

38. Update on Resistance Levels and Trends in the UAE. 2nd Annual Conference of the Emirates Society for Clinical Microbiology (ESCM), Khalifa University. 16 Nov 2022, Abu Dhabi, **UAE**
39. Co-resistance, cross-resistance, collective susceptibility update: Implications on antimicrobial stewardship. MSD Merck SMART Investigator Meeting. 27 Oct 2022, Online, Dubai, **UAE**
40. UAE AMR surveillance, resistance patterns and implications. Sandoz ASP Event. 8 Oct 2022, Online, Dubai, **UAE**
41. Insights about the linkage between Air Pollution and Health. International Day of Clean Air for Blue Skies. Ministry of Health and Prevention, UAE National Air Quality Launch Event. 7 Sep 2022, Dubai, **UAE**
42. Waterborne Diseases Associated with Marine Water and Drinking Water. ADPHC Water Quality Governance Workshop. 26 Jul 2022, Abu Dhabi, **UAE**
43. Surveillance of Antimicrobial Resistance in the UAE. 8th ADPHC Public Health Ambassador Workshop. 30 Jun 2022, Hilton Yas Hotel, Abu Dhabi, **UAE**
44. Update in the Epidemiology and Burden of Bacterial Infections in the UAE. Gulf Infectious Diseases Forum: Recent Challenges and Management Updates. 17 Jun 2022, **UAE/GCC**, Online
45. Disease Burden of Invasive Fungal Infections in the Immunocompromised Host. MSD Fungal Symposium. 21 May 2022, **UAE/GCC**, Online
46. Update on AMR Levels and Trends in the UAE. 5th UAE International Conference on Antimicrobial Resistance. 26 Mar 2022, Dubai, **UAE**
47. Trends in Antimicrobial Resistance (AMR) in the UAE. GCC Public Health Summit. 25 Mar 2022, Dubai, **UAE**
48. Update on TB resistance levels & trends in the UAE. World TB Day. Emirates Society for Clinical Microbiology. 24 Mar 2022, Abu Dhabi, **UAE**, Online (webinar)

2021

49. Update on AMR Resistance Levels and Trends in the UAE (2010-2020). WAAW Workshop. Emirates Pharmaceutical Society. 18 Nov 2021, Dubai, **UAE**, Online
50. Impact of COVID-19 on AMR. Results from a small survey in the UAE. Panel discussion. 7th Middle East Patient Safety Conference. 1 Nov 2021, Dubai, **UAE**, Online

51. Cumulative Antibigrams: Basics and Pitfalls. [Saudi International Antimicrobial Congress](#). 29 Sep 2021, Riyadh, **KSA**, Online
52. Update on AMR Resistance Levels and Trends in the UAE (2010-2020). [MEDLAB ME](#). 23 Jun 2021, Dubai, **UAE**
53. AMR Data from GCC and EMRO region. [National ASP ID Club](#). 23 May 2021, Dubai, **UAE**, Online
54. Bahrain and UAE National AMR Surveillance Data – Regional Comparison. [Bahrain ASP Webinar](#). 1 May 2021, **Bahrain**, Online
55. Analysis and Utilization of Cumulative Antibigrams. [National ASP ID Club](#). 7 April 2021, Online, **UAE**
56. Utilizing AMR surveillance data and cumulative antibigrams to inform empiric antimicrobial treatment decisions. [GCC Antimicrobial Stewardship Workshop](#). 26 Mar 2021, Online, **UAE**
57. Cumulative Antibigrams – Basics and Pitfalls. [4th UAE International Conference on AMR \(ICAMR\)](#). 27 Mar 2021, Dubai, **UAE**
58. Impact of COVID-19 on AMR – Results from a small survey in the UAE. [4th UAE International Conference on AMR \(ICAMR\)](#). 20 Mar 2021, Dubai, **UAE**
59. Impact of COVID-19 on AMR – Results from a small survey in the UAE. National ASP ID Club. 10 Jan 2021, Online, Dubai, **UAE**

2020

60. Utilizing AMR Surveillance data and cumulative antibigrams to inform empiric antimicrobial treatment decisions. MSD Antimicrobial Stewardship Webinar. 19 Dec 2020. Online, Dubai, **UAE**
61. Antimicrobial Resistance in the UAE: An update on Resistance Levels and Trends. Emirates Pharmacy Society (EPS). Live Webinar. 19 Nov 2020, **UAE**
62. Update on Antimicrobial Resistance Levels and Trends in the United Arab Emirates. [4th SEHA International Conference on Prevention and Control of Infection](#). 19 Nov 2020, Abu Dhabi, **UAE**
63. Update on AMR resistance levels and trends in the UAE. [3rd UAE International Conference on Antimicrobial Resistance \(ICAMR\)](#), 9 Oct 2020. Online. Dubai, **UAE**
64. *Candida auris*. ESCM/U.S. CDC Mycology Webinar. 5 Oct 2020. Online. Dubai, **UAE**
65. Utilizing National Antimicrobial Resistance (AMR) Surveillance Data to Support Infection Control – the UAE Experience. [National Conference on Hospital Infection Control](#). 12 Feb 2020, Mumbai, **India**
66. Environmental Health Perspectives on Respiratory Diseases: Disease Prevention and Prediction. DoH Hack on Health, 2nd Abu Dhabi Healthcare Hackathon, 25 Jan 2020, Abu Dhabi, **UAE**

2019

67. AMR Surveillance and WHONET Training. 18 Dec 2019. Burjeel Royal Hospital, Al Ain, **UAE**
68. The Emirates Society for Clinical Microbiology (ESCM). WHO Technical Consultation: Strengthening Laboratory Capacities to support AMR Surveillance. 26 Nov 2019, WHO HQ, Genf, **CH**
69. A Glossary and Taxonomy of Antimicrobials – Breaking down the Terminology. [Gulf Workshop on AMR in the Marine Environment: A One Health Perspective](#), CEFAS. 12 Nov 2019, Muscat, **Oman**
70. National Overview of AMR Surveillance and Research in Aquatic and Terrestrial Environments and Agriculture: United Arab Emirates. [Gulf Workshop on AMR in the Marine Environment: A One Health Perspective](#), CEFAS. 12 Nov 2019, Muscat, **Oman**
71. Utilizing AMR Surveillance to Guide Empirical Antimicrobial Therapy in the UAE. [1st Annual Conference of the Emirates Society of Clinical Microbiology \(ESCM\)](#). 1 Nov 2019, Abu Dhabi, **UAE**
72. Cumulative Antibigram (CA) – Basics and Pitfalls. [1st Annual Conference of the Emirates Society of Clinical Microbiology \(ESCM\)](#). 1 Nov 2019, Abu Dhabi, **UAE**
73. Update on AMR Surveillance in Abu Dhabi and UAE: Patterns and Trends of Antimicrobial Resistance. [APIC/SEHA 3rd Int. Conference on Prevention and Control of Infection](#). 1 Nov 2019, Abu Dhabi, **UAE**
74. Cumulative Antibigram (CA) – Basics and Pitfalls. [Annual Conference, Emirates Society for Clinical Microbiology \(ESCM\)](#). 1 Nov 2019, Abu Dhabi, **UAE**
75. UAE National Surveillance System for Antimicrobial Resistance. [INFORMA Infection Control Conference](#). 24 Oct 2019, Dubai, **UAE**
76. Isolate and Cluster Alerts – How WHONET can help IPC to identify MDRO and HAI outbreaks. Conference on Infection Prevention and Control (CIPC), 2 May 2019, RAKHSU, Ras Al Khaimah, **UAE**
77. WHONET Software for Surveillance of Microbial Populations and Antimicrobial Resistance. WHO Consultancy. WHO EMRO Mission on Antimicrobial Resistance Surveillance. 8-12 Apr 2019, Lahore/Karachi/Islamabad, **Pakistan**
78. UAE AMR 2018 Report. [UAE National ASP Sub-Committee workshop](#), Hyatt Regency Creek Heights. 6 Apr 2019, Dubai, **UAE**

79. UAE National AMR Surveillance Data, and WHONET Workshop. **2nd UAE International Conference on Antimicrobial Resistance (ICAMR)**. 21-22 Mar 2019, Dubai, **UAE**
80. AMR – A Global Threat to Public Health. Utilizing National AMR Surveillance Data to guide empiric treatment of common infectious diseases. ASP Workshop, **Annual Conference of the ESLM (Egyptian Society for Laboratory Medicine)**, Cairo University. 9 Mar 2019, Cairo, **Egypt**
81. Antimicrobial Resistance – A Global and Local View. WHONET workshop. AMR conference, Annual Conference of the Faculty of Medicine, Tanta University. 6 Mar 2019, Tanta, **Egypt**
82. Overview on UAE National Antibigram. Scientific Meeting: Antibigram Interpretation and its Role in setting Hospital Guidelines. Intercontinental Festival City Hotel. 4 Mar 2019, Dubai, **UAE**
83. Public Meeting of the U.S. Presidential Advisory Council on Combating Antibiotic-Resistant Bacteria (PACCARB). Invited speaker and panelist, invitation declined. 30-31 Jan 2019, Washington DC, **USA**
84. **WHO-EMRO Training Workshop on Global Surveillance of Antimicrobial Resistance (GLASS) and WHONET**. Temporary consultant to WHO-EMRO, and workshop facilitator. 14-17 Jan 2019, Tunis, **Tunisia**
85. Antimicrobial Resistance – A Global and Local View. CME session on AMR. 9 Jan 2019, Zayed Military Hospital, Abu Dhabi, **UAE**

2018

86. **2nd International Conference on Pharmacy and Medicine (ICPM)**, University of Sharjah. 20 Nov 2018, Sharjah, **UAE**
87. UAE National AMR Surveillance Program and GLASS. Sheikh Khalifa General Hospital Annual Symposium. Invited speaker. 13 Oct 2018, Um al Quwain, **UAE**
88. Surveillance of Antimicrobial Resistance – hands-on workshop, RAKMHSU. 11 Oct 2018, Ras Al Khaimah, **UAE**
89. AMR Surveillance and WHONET Training course. Sep/Oct 2018, Amman, **Jordan**
90. AMR Surveillance and WHONET Training course. Sep 2018, Manama, **Bahrain**
91. **2nd International Conference on Prevention and Control of Infection (ICPCI)**. APIC/SEHA. Invited speaker. 13-15 Sep 2018, Abu Dhabi, **UAE**
92. UAE National AMR Surveillance System – Where are we? **3rd International Conference on Infectious Diseases and Vaccination (DICID)**. Invited speaker. 12 May 2018. The Conrad, Dubai, **UAE**
93. Antimicrobial Resistance: A Global Threat to Public Health. **1st National RAKMHSU-Saqr hospital Joint Symposium on Antimicrobial Resistance Choice and Resistance Update**. Invited speaker: keynote address. May 4-6, 2018, Ras Al Khaimah Medical and Health Sciences University, RAK, **UAE**
94. Updates on AMR Surveillance in the UAE. **1st UAE International Conference on Antimicrobial Resistance (ICAMR)**. Invited speaker. 15 Mar 2018, Dubai, **UAE**
95. AMR – Local Epidemiology. Part 2. APIC UAE Chapter / Emirates Infectious Diseases Society Meeting. Invited speaker. 24 Feb 2018, SKMC, Abu Dhabi, **UAE**
96. National and Regional Patterns and Resistance Trends, Epidemiology and Surveillance of Antimicrobial Resistance. **MEDLAB – Antibiotic Use and Misuse Conference**. Invited speaker. 8 Feb 2018, Dubai, **UAE**

2017

97. Antimicrobial Resistance: A Global Threat to Public Health. 13 Nov 2017. Abu Dhabi University, **UAE**
98. Use of WHONET-SaTScan™ system for detection of antimicrobial resistance clusters. Sheikh Khalifa Medical City (SKMC) WAAW Awareness event, 13 Nov 2017, SKMC, Abu Dhabi, **UAE**
99. *Candida auris*: An emerging multidrug-resistant yeast. Sheikh Khalifa Medical City (SKMC) WAAW Awareness event, 13 Nov 2017, SKMC, Abu Dhabi, **UAE**
100. WHO Global Action Plan on AMR, WHO-GLASS, and UAE National AMR Surveillance System, Update on AMR levels and trends in the UAE. **1st UAE National Workshop on AMR**. 2 Oct 2017, Abu Dhabi, **UAE**
101. WHO GLASS and WHONET training workshops, 24-28 Sep 2017, World Health Organization EMRO office, Cairo, **Egypt** (invited speaker and WHO Temporary Advisor)
102. UAE Country Experience with GLASS and WHONET. **Training Workshop on GLASS and WHONET for national focal points and data managers**. Sep 24-28, 2017, Cairo, **Egypt**
103. Updates on AMR Surveillance for Abu Dhabi Emirate and the UAE. **1st International Conference on Infection Prevention and Control**. SEHA. 14-17 Sep 2017, Abu Dhabi, **UAE**
104. Needle-stick injuries. IPC Awareness Day, 16 Feb 2017, Sheikh Khalifa General Hospital, Um al Quwain, **UAE**

2016

105. Antimicrobial Resistance Surveillance in Abu Dhabi. HAAD Public Health & Research Division. Journal Club. 14 Dec 2016, Abu Dhabi, **UAE**
106. Antimicrobial Resistance in Abu Dhabi: The HAAD Experience. 2nd Intravenous and Parenteral Nutrition (IVPN) & Antimicrobial Stewardship Symposium. Invited speaker. Cleveland Clinic Abu Dhabi (CCAD). 19 Nov 2016, Abu Dhabi, **UAE**
107. New York University Abu Dhabi Public Health Think Tank 2016. Invited speaker. Nov 2016 (PHTT), Abu Dhabi, **UAE**
108. **Air Quality and Noise Control UAE Conference**. Advisory board member/panel session speaker. Nov 2016, Abu Dhabi, **UAE**
109. Antibiotic Resistance: A Global Threat to Public Health Results from 6 years of AMR Surveillance in Abu Dhabi. HAAD Antibiotic Stewardship Program Training Session. November 14, 2016. HAAD Auditorium, Abu Dhabi, **UAE**
110. Antimicrobial Resistance Surveillance in Abu Dhabi. **9th Medication Safety Conference**. Invited speaker. 4-6 Nov 2016, Abu Dhabi, **UAE**
111. WHONET Introduction & Demo. SKMC. 19. Oct 2016, Abu Dhabi, **UAE**
112. **Hospital Infection Prevention Summit**. Invited speaker. Jun 2016, Dubai, **UAE**
113. **First Arab Forum for Meteorology and Climate**. Invited speaker. 8-9 May 2016, Abu Dhabi, **UAE**
114. UAE National Surveillance System for Antimicrobial Resistance - Data requirements for MOH hospitals. MOH Advisory Committee: Microbiology Meeting. Ministry of Health, Dubai, 14 April 2016, Dubai, **UAE**
115. Surveillance of Antimicrobial Resistance in Abu Dhabi, the UAE and globally. Abu Dhabi Quality and Conformity Council Meeting. 11 April 2016, Abu Dhabi, **UAE**
116. **WHO EMRO First Inter-Country Workshop for National Focal Points for Antimicrobial Resistance for Countries in the Eastern Mediterranean Region. AMR consultant and workshop facilitator**, Mar 2016, Casablanca, **Morocco**
117. **Dubai International Pharmaceuticals and Technologies Conference (DUPHAT)**. Invited speaker. Mar 2016, Dubai, **UAE**
118. WHONET Introduction & Demo. 20 Mar 2016. Al Qassimi Hospital, Dubai, **UAE**
119. UAE National Surveillance System for Antimicrobial Resistance - Data requirements for DHA hospitals. DHA Central Microbiology Meeting. Rashid Hospital, Villa SE-2, 28 March 2016, Dubai, **UAE**

2015

120. Update on Antimicrobial Resistance in Abu Dhabi. CCAD Infectious Diseases – Educational Series. Cleveland Clinic Abu Dhabi. 9 Dec 2015, Abu Dhabi, **UAE**
121. Update on AMR Surveillance in Abu Dhabi. Educational Session on Rational Use of Antimicrobials. Dept. of Health Abu Dhabi. 12 Nov 2015, Abu Dhabi, **UAE**
122. Antimicrobial Resistance Surveillance in Abu Dhabi. **Middle East Infection Prevention Summit**. 4 Jun 2015, Conrad hotel, Dubai, **UAE**
123. AD ARS - Abu Dhabi Antimicrobial Resistance Surveillance Program. ADNOC Medical Center, April 26, 2015, Abu Dhabi, **UAE**
124. AD ARS - Abu Dhabi Antimicrobial Resistance Surveillance Program. APUA Update, March 18, 2015, Health Authority Abu Dhabi, **UAE**

2014

125. Abu Dhabi Quality Forum. Session on Indoor Air quality. Invited speaker. Apr 2014, Abu Dhabi, **UAE**
126. **Patient Safety & Quality Congress Middle East**. Invited speaker. Mar 2014, Abu Dhabi, **UAE**
127. No action today – no cure tomorrow. Results and Findings from Abu Dhabi Antimicrobial Resistance Surveillance Program. Jan 2014. **Public Health Conference at Arab Health**, Dubai, **UAE**

2013

128. The Abu Dhabi Antimicrobial Resistance Surveillance Program (AD ARS). First Antimicrobial Stewardship Collaborative Conference. Invited speaker. Dec 2013, Riyadh, **KSA**
129. **1st International ADCO/ADNOC Conference on Ideal Practices in Occupational Health**. Invited speaker. Nov 2013, Abu Dhabi, **UAE**
130. **18th Meeting of the United Nations Road Safety Collaboration**. Invited speaker. Nov 2013, Abu Dhabi, **UAE**

131. AMR Country Experiences: United Arab Emirates. WHO AMR Consultative Meeting for Countries of the Eastern Mediterranean Region (EMR) of WHO: From Policies to Action. Invited speaker and temporary consultant to WHO EMRO. Nov 2013, Sharm El Sheikh, **Egypt**
132. 1st International Road Traffic Accident Conference. Invited speaker. Nov 2013, Abu Dhabi, **UAE**
133. 9th Middle East Healthcare-Associated Infections Conference. Session chair: Emerging viral diseases session. Oct 2013, Abu Dhabi, **UAE**
134. UAE Environmental Burden of Disease Assessment. Lecture for MPH-Students/MPH program. Invited lecturer. Jun 2013, United Arab Emirates University, Al Ain, **UAE**
135. Mafraq Hospital Infection control workshop: Environmental Infection Control. Invited speaker. Jun 2013, Abu Dhabi, **UAE**
136. Abu Dhabi City Municipality Road Safety Forum. Invited speaker. May 2013, Abu Dhabi, **UAE**
137. Patient Safety and Quality Congress Middle East 2013. Infection Control Summit Middle East 2013. Invited speaker. May 2013, Abu Dhabi, **UAE**
138. Abu Dhabi Road Safety Awareness Program. 15 Apr 2009, American International School Abu Dhabi (AISA), **UAE**
139. 4th National Conference on contemporary dimensions of the pharmacy profession. Invited speaker. Mar 2013, Gulf Medical University, Ajman, **UAE**
140. Update on the Abu Dhabi Emirate Surveillance Program for Antimicrobial Resistance (AD ARS). ARS Seminar for Physicians. 12 Mar 2013, Abu Dhabi, **UAE**

2012

141. Abu Dhabi Emirate Surveillance Program for Antimicrobial Resistance. HAI Conference, Abu Dhabi Medical Congress, 11 Oct 2012, Abu Dhabi, **UAE**
142. The Abu Dhabi Emirate Surveillance Program for Antimicrobial Resistance. ARS Seminar for Physicians. 3 Oct 2012. HAAD, Abu Dhabi, **UAE**
143. Abu Dhabi Emirate Surveillance Program for Antimicrobial Resistance. SEHA IPC Committee, 11 Oct 2012. Sheikh Khalifa Medical City (SKMC), Abu Dhabi, **UAE**
144. Training workshop: Preventative Measures for Working in the Heat Projects (for staff). 19 Jun 2012. Etihad Rail, Abu Dhabi, **UAE**
145. Workshop: Preventative Measures for Working in the Heat Projects (for management). 3 Jun 2012. Etihad Rail, Abu Dhabi, **UAE**
146. Abu Dhabi Emirate Antibiotic Resistance Surveillance Program. Status and Progress Update. Working Group Meeting, 28 May 2012. HAAD, Abu Dhabi, **UAE**
147. Abu Dhabi Antibiotic Resistance Surveillance - Update -. APUA Abu Dhabi Chapter Meeting. 5 May 2012, HAAD, Abu Dhabi, **UAE**
148. Update on the Abu Dhabi Emirate Surveillance Program for Antimicrobial Resistance (AD ARS). ARS Seminar for Physicians. HAAD, Abu Dhabi, **UAE**
149. Abu Dhabi Antibiotic Resistance Surveillance System. Meeting with Al Noor Hospital Group, 2 Feb 2012, Abu Dhabi, **UAE**

2011

150. Abu Dhabi Antibiotic Resistance Surveillance Update. APUA Abu Dhabi Chapter Meeting. 16 Nov 2011. Health Authority Abu Dhabi, Abu Dhabi, **UAE**
151. Abu Dhabi Antibiotic Resistance Surveillance Update. MMTW Meeting. 7 Sep 2011. Health Authority Abu Dhabi, Abu Dhabi, **UAE**
152. Abu Dhabi Antibiotic Resistance Surveillance Update. AD ARS Working Group Meeting. 23 Jun 2011. Health Authority Abu Dhabi, Abu Dhabi, **UAE**

2008

153. Reducing Nosocomial Infections by Ensuring Safer Healthcare Environments. Patient Safety conference 2008, 26-28 Oct 2008, Abu Dhabi National Exhibition Centre, Abu Dhabi, **UAE**

2007

154. Hygiene und Mikrobiologie in der urologischen Praxis. 22 Jan 2007. Labor Dr. Gärtner, Ravensburg, **D**

2006

- 155. Globale Erwärmung – Emerging Infections in Süddeutschland. 17 Oct 2006. Labor Dr. Gärtner, Ravensburg, **D**
- 156. Surveillance postoperativer Wundinfektionen gemäss § 23 IfSG. Labor Dr. Gärtner (Ravensburg) für Ostalb-Klinikum Aalen, **D**
- 157. Der/die Hygienebeauftragte in der Arztpraxis. 6 Dez 2006. Euregia Praxishygiene, Ravensburg, **D**
- 158. Küchenhygiene und HACCP ab 01.01.2006. Neue EG-Lebensmittelhygiene-Verordnungen. 30 Jun 2006. Labor Dr. Gärtner, Ravensburg (für KH Tettnang und KH Ellwangen), **D**
- 159. Händehygiene. 30 Okt 2006, Labor Dr. Gärtner, Ravensburg, **D**
- 160. MRSA. 30 Jun 2006. Labor Dr. Gärtner, Ravensburg, **D**
- 161. Hygieneplan. Reinigungs- und Desinfektionspläne. Grundkurs für hygienebeauftragte Aerzte. Landesgesundheitsamt Baden-Württemberg. 10 Feb 2006. Kloster Wiblingen, Ulm, **D**
- 162. Hygiene in der Endoskopie. Ergebnisse der Untersuchungen i.R. der Qualitätssicherungsvereinbarungen Koloskopie der KV Nord-Württemberg, 2003-2005. 1 Feb 2006, Labor Dr. Gärtner, Ravensburg, **D**

2005

- 163. Vogelgrippe – Bedrohung für die menschliche Gesundheit. 25 Nov 2005. Labor Dr. Gärtner, Ravensburg, **D**
- 164. Labordiagnostik bei Fragestellung Vogelgrippe. 25 Nov 2005. Tag der offenen Tür. Labor Dr. Gärtner, Ravensburg, **D**
- 165. The Role of an Infection Control Laboratory and Consulting Service for the Prevention and Control of Nosocomial Infections. **Patient Safety 2005: Infection Control Conference**. 17-19 Sep 2005. BD Dinner Session. Crowne Plaza Hotel, Dubai, **UAE**
- 166. Comparison of TB Control Recommendations – Overview of Several National Guidelines. **Patient Safety 2006: Infection Control Conference**. 17-19 Sep 2005. Crowne Plaza Hotel, Dubai, **UAE**
- 167. MRSA: Kontrollstrategien und Hygienemassnahmen. 22 Jun 2005. Laborinterne Fortbildung. Labor Dr. Gärtner, Ravensburg, **D**
- 168. Hygiene in Einrichtungen des Gesundheitswesens, in denen Medizinprodukte aufbereitet werden. Fachkundelehrgang I der DGSV (Deutsche Gesellschaft für Sterilgutversorgung e.V.). Modul 5. 24. Jun 2005. OTA-Schule Ulm. Akademie für Gesundheitsberufe. Universitätsklinikum Ulm, Ulm, **D**
- 169. Grundlagen der Mikrobiologie. Fachkunde I. Fachkundelehrgang I der DGSV (Deutsche Gesellschaft für Sterilgutversorgung e.V.). Modul 5. Kursus für Operationstechnische Assistent:Innen (OTA). Akademie für medizinische Berufe. 24. Jun 2005. Universitätsklinikum Ulm, Ulm, **D**

2004

- 170. MRSA. 26 Jul 2004. Labor Dr. Gärtner, Ravensburg, **D**
- 171. Schulung von Probenehmern im Rahmen der Voraussetzungen nach § 15 Abs. 4 TrinkwV 2001. Labor Dr. Gärtner, Ravensburg, **D** (mehrere Termine)

2003

- 172. Ausbruchmanagement bei Infektionskrankheiten. Erfahrungen aus dem CDC. 2 Mär 2003. Labor Dr. Gärtner, Ravensburg, **D**
- 173. Molecular Epidemiology: Introduction to Strain Typing. Labor Dr. Gärtner, Ravensburg, **D**

2002

- 174. Docs'n Drugs. Infektiologisch-mikrobiologische Fälle. Vorlesungsreihe für Studenten der Humanmedizin im 2. klinischen Abschnitt (7.-10. Semester). Ausgezeichnet mit dem Lehrbonus der Universität Ulm. Universität Ulm, **D**
- 175. Immunsystem, Allergien und Autoimmunkrankheiten. Seminarreihe Medizin für Ingenieure. 11 Jun 2001. Wissenschaftszentrum Schloss Reisingen der Universität Ulm, Gönzberg, **D**
- 176. Molekularbiologische Methoden zur Erregeridentifizierung. Vorlesung für Informatik-Studenten: Diagnostische Methoden in der Medizin II. Wintersemester 2000/2001. 23 Jan 2002. Universitätsklinikum Ulm, Ulm, **D**
- 177. Diagnostik in der Klinischen Immunologie. Vorlesung für Informatik-Studenten: Diagnostische Methoden in der Medizin II. Wintersemester 2000/2001. 17 Jan 2002. Universitätsklinikum Ulm, Ulm, **D**
- 178. Diagnostische Methoden in der Medizinischen Mikrobiologie. Vorlesung für Informatik-Studenten: Diagnostische Methoden in der Medizin II. Wintersemester 2000/2001. 9 Jan 2002. Universitätsklinikum Ulm, Ulm, **D**

179. Krankenhaushygiene. Vorlesung für Studenten der Humanmedizin. Kursus des Ökologischen Stoffgebietes, Sommersemester 2002, Universität Ulm, Ulm, **D**
180. Labordiagnostik. Vorlesung für Studenten der Humanmedizin (1. Semester): Praktikum der Berufsfelderkundung. 30 Jan 2002. Universität Ulm, Ulm, **D**

2001

181. Infektion und Abwehr. Seminarreihe Medizin für Ingenieure. 22 Okt 2001. Wissenschaftszentrum Schloss Reisenburg der Universität Ulm, Günzburg, **D**
182. Orale Mikrobiologie und Infektiologie: Parodontitis. Molekularbiologische Untersuchungsverfahren. Vorlesung und Praktikum Medizinische Mikrobiologie für Studenten der Zahnmedizin. Jul 2001. Universität Ulm, Ulm, **D**
183. Hygiene in der Zahnmedizin. Vorlesung und Praktikum Medizinische Mikrobiologie für Studenten der Zahnmedizin. Jul 2001. Universität Ulm, Ulm, **D**
184. Orale Mikrobiologie und Infektiologie: Karies. Vorlesung und Praktikum Medizinische Mikrobiologie für Studenten der Zahnmedizin. Jul 2001. Universität Ulm, Ulm, **D**
185. Bakteriologie einiger human-medizinisch und oral-pathogenetisch wichtiger Erreger: Corynebakterien, Actinomyceten, Mykobakterien, Treponema und andere. Vorlesung und Praktikum Medizinische Mikrobiologie für Studenten der Zahnmedizin. Jun 2001. Universität Ulm, Ulm, **D**
186. Bakteriologie einiger human-medizinisch und oral-pathogenetisch wichtiger Erreger: Staphylokokken, Streptokokken. Vorlesung und Praktikum Medizinische Mikrobiologie für Studenten der Zahnmedizin. Jun 2001. Universität Ulm, Ulm, **D**
187. Bakteriologie und Hygiene. Vorlesung und Praktikum Medizinische Mikrobiologie für Studenten der Zahnmedizin. Jun 2001. Universität Ulm, Ulm, **D**

Appendix 3.2: Presentations (poster presentations)**National conferences (n=2), international conferences (n=5)**

1. Establishment of the First National Antimicrobial Resistance Surveillance Program in the Maldives and Initial Findings. Poster, **ESCMID Global 2026**, 21 Apr 2026, Munich (Germany)
2. Establishment of the First Fungal Reference Laboratory in the UAE: Bridging Diagnostics, Resistance Surveillance, and Public Health Gaps. Poster, **ID Week 2025**, Dubai (UAE).
3. United Arab Emirates Surveillance System for Antimicrobial Resistance (AMR). **J Thomsen**, NM Abdulrazzaq, C Moubareck and the UAE AMR Research Consortium. Poster, **ECCMID 2022**, Lisbon (Portugal).
4. The first nation-wide surveillance of carbapenem resistant Enterobacteriaceae in the United Arab Emirates. Pal T, Sonnevend A, Ghazawi A, Abdulrazzaq N, Bharathan G, **Thomsen J**, Rizwi T. Poster, **ECCMID 2021**, Vienna (Austria).
5. National AMR Surveillance Update from the United Arab Emirates. **2nd WHO High Level Meeting on Surveillance of Antimicrobial Resistance for Local and Global Actions**. April 27/28, **2017**, Stockholm (Sweden).
6. Detection of healthcare-associated outbreaks of multidrug-resistant organisms using surveillance data on antimicrobial resistant phenotypes. Lee KH, **Thomsen J**, Stelling J, HAAD. **US-Korea Conference 2014**, San Francisco (USA).
7. Use of Electronic Insurance Claims Data to Evaluate Prescription Patterns in the Emirate of Abu Dhabi. Naqvi Y, Hashmey R, **Thomsen J**, Ismail S, Khan A. **ID Week 2013**, San Francisco (USA).
8. Abu Dhabi ARS – A new Electronic Surveillance Program to Monitor Antimicrobial Resistance in Human Pathogens. **Thomsen J**. The 4th Annual SEHA Research Conference. Poster. Dec **2012**, Abu Dhabi (UAE).
9. Bugs'n Drugs - eine universelle CBT-Plattform für Problemorientiertes Lernen im klinischen Teil des Medizinstudiums am Beispiel Infektiologie“. (a universal CBT-platform for problem-oriented learning in the clinical part of medical studies, on the example of infectious diseases). **Thomsen J**. 18. Jahrestagung der GMA (Gesellschaft f. Medizinische Ausbildung), **1996**, Leipzig (Germany).
10. Reaktive Arthritis durch *Chlamydia pneumoniae* (TWAR), Poster presentation, ESCMID, Vienna (Austria), **1995**
11. Pancreatic infection in experimental acute pancreatitis: a frequent finding. European Pancreatic Club. Schwarz M, Büchler M, **Thomsen J**, Friess H, Isenmann R, Beger HG. Poster presentation, Paris, **1993**