

Ursula Theuretzbacher, Ph.D.

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Professional Experience

1988-
present

Principal and Founder of the Center for Anti-Infective Agents

Ursula Theuretzbacher founded the Center for Anti-Infective Agents (CEFAIA) in 1988 to provide consulting services to the biotech and pharmaceutical industries, medical profession, and other scientific communities in the field of anti-infective drug research and development, partnering, and appropriate usage of anti-infectives.

■ Consulting services for pharmaceutical and biotech companies:

- Delivered expert opinion, assessed research and clinical projects
- Developed R&D and regulatory strategies in the US, Europe, and Asia
- Created and maintained an in-house database of current partnering and licensing opportunities
- Conducted opportunity assessment for partnering decisions
- Provided market and opportunity assessment
- Supported investors with due diligence
- Provided training and education services, international executive briefings
- Participated in advisory boards

■ Activities for the medical and scientific community:

- Secretary of the International Society of Anti-Infective Pharmacology (ISAP)
- President of the ESCMID PK/PD of Anti-Infectives Study Group (EPASG)
- Member of the faculty of international workshops organized by ISAP, focusing on PK/PD issues including tissue penetration, protein binding, dosing, resistance
- Presented, organized and chaired symposia at major conferences in the US and Europe (ICAAC, ECCMID, ECC, NFID annual conference on antimicrobial resistance, CTID, APUA world congress and other conferences)
- Co-chairing the "Future of antibiotics" working group on behalf of the International Society of Chemotherapy (ISC)
- Organized development of national clinical guidelines and providing expert antibiotic decision support
- Organized appropriate usage of antibiotics projects on behalf of major hospital associations

■ Activities for government agencies:

- Provided expert opinion on PK/PD topics for FDA
- Served on NIH peer review panel to assess grant applications in the field of PK/PD and resistance

■ Publications:

- Published textbooks, reviews, clinical research papers in national and international peer reviewed journals
- Member of the editorial board of Antimicrobial Agents and Chemotherapy (AAC), reviewer for the International Journal of Antimicrobial Agents (IJAA), Journal of Antimicrobial Chemotherapy (JAC), Drugs, Respiration, and reviewer for the European Congress of Clinical Microbiology and Infectious Diseases (ECCMID)

■ Continuing Education/Teaching:

Provided education services including CME accredited events and other educational programs to hospitals, physicians, medical associations and societies, government institutes and private healthcare in Europe and the US

■ Studies:

Coordinated multi-center in vitro and clinical studies in cooperation with national and international organizations

■ Radio, TV, and press conference appearances. Details available upon request

1997-2002 **Co-founder of the Medical Institute for Quality Management MedQM, Berlin-Vienna**
Organized and developed CME accredited events in the area of quality management, quality assurance, practice guidelines, evidence based therapy in Germany

1994-2003 **Lecturer, Medical University of Vienna** (Department of Clinical Microbiology)
Designed and delivered courses in Advanced Bacteriology, Infectious Diseases and Antibiotic Treatment

1982-1988 **Beecham Pharma GmbH Austria** (now GlaxoSmithKline)
Marketing Director (responsible for product development; strategic planning; marketing communications)
Specialist for medical and regulatory affairs
Food Testing and Research Institute in Vienna
Head of the Bacteriological Department

April 2010

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Publications

Books, book chapters

- U. Theuretzbacher: Mikrobiologie im klinischen Alltag (Microbiology for physicians and specialists). Kohlhammer-Verlag, 2004, 800 pages (2nd edition)
- U. Theuretzbacher, M. Seewald: Mikrobiologie im klinischen Alltag (Microbiology for physicians and specialists). Kohlhammer-Verlag, 1999, 500 pages, 35.000 copies sold in 18 months
- HJ Dornbusch, U. Theuretzbacher, HM Grubbauer: Antibiotikatherapie im Kindesalter (Antibiotic therapy in childhood). Springer-Verlag, 1996, 150 pages
- Adam, Doerr, Link, Lode (Ed.): Die Infektiologie, Springer, 2004, 1500 pages
- O. Janata, E. Reisinger (Ed.): Infektiologie. Aktuelle Aspekte. Österreichische Verlagsgesellschaft 2000
- H. Huchzermeyer, H. Lipper (Ed.): Infektionsmedizin in Gastroenterologie und Viszeralchirurgie (Infections in gastroenterology and abdominal surgery). Schattauer-Verlag 2000
- F. Vogel (Ed.): Respiratorische Infektionen. Kohlhammer-Verlag 1996

Selected recent reviews and leading articles

- Y. Li, U. Theuretzbacher, CJ. Clancy, MH. Nguyen, H. Derendorf: Pharmacokinetic/pharmacodynamic profile of posaconazole. Clin Pharmacokinet. 2010;49(6):379-96
- U. Theuretzbacher: Antibiotics: derivative drugs, novel compounds and the need for effective resistance strategies. Future Microbiol. 2009 Dec;4:1243-7
- U. Theuretzbacher: Antibiotic innovation on the horizon? APUA news 2009, 27, 1 & 2
- U. Theuretzbacher: Future antibiotics scenarios: is the tide starting to turn? IJAA 2009; 34:15-20
- J. Mouton, U. Theuretzbacher, W. Craig, P. Tulkens, H. Derendorf, O. Cars: Tissue-concentrations: Do we ever learn? J Antimicrob Chemother. 2008; 61(2):235-7
- U. Theuretzbacher: Tissue penetration of antibacterial agents: how should this be incorporated into pharmacodynamic analyses? Current Opinion in Pharmacology 2007; 7/5:498-504
- U. Theuretzbacher: Antimicrobial Resistance--2006 Annual Conference. Science-prevention-control. IDrugs. 2006; 9(9):622-4
- U. Theuretzbacher: The opponent, we were unable to defeat. Beta-lactamases. Pharm.unserer Zeit 5/2006 (35): 416-21
- U. Theuretzbacher, F. Ihle, H. Derendorf: Pharmacokinetic/Pharmacodynamic - Profile of Voriconazole. Clin Pharmacokinet 2006; 45 (7): 649-663
- U. Theuretzbacher, J. Toney: Nature's clarion call of antibacterial resistance: are we listening? Curr Opin Investig Drugs. 2006; 7(2):158-66
- U. Theuretzbacher: Pharmacokinetics/Pharmacodynamics of Echinocandins. European Journal of Clinical Microbiology and Infectious Diseases 2004; 23(11):805-12.
- U. Theuretzbacher: Beta-Lactamases and Beta-Lactamase Inhibitors - an update. Chemotherapie-Journal 2004; (13) 5

International conferences, workshops

- ISAP (International Society of Anti-Infective Pharmacology) Educational Workshops on PK/PD topics, in cooperation with the Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC) and with the European Congress of Clinical Microbiology and Infectious Diseases (ECCMID)
- Presentations, chairing symposia, meet-the-expert sessions: European Congress of Clinical Microbiology and Infectious Diseases, Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC), World Conference on Dosing of Anti-Infectives, NFID annual conference on antimicrobial resistance, European Congress of Chemotherapy and Infection, APUA World Congress, International Symposium Current Topics in Infectious Diseases, Anti-Microbial Partnering and Dealmaking Summit, Superbugs & Superdrugs Conferenc, Re-emerging Infectious Diseases conference, Anti-Infectives Summit,
- Accepted Posters at the European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), Symposium on Molecular Diagnostics in Laboratory Medicine

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Active Membership in Professional Societies

American Society for Microbiology (ASM), European Society of Clinical Microbiology and Infectious Diseases (ESCMID), International Society of Antiinfective Pharmacology (ISAP), Paul-Ehrlich-Gesellschaft (PEG), Austrian Society of Infectious Diseases, Austrian Society of Hygiene, Austrian Society of Mycology.
2004 appointed Secretary of ISAP (International Society of Antiinfective Pharmacology); founding president of the ESCMID PK/PD of Anti-Infectives Study Group (EPASG); co-chairing a working group of the International Society of Chemotherapy (ISC) on "Future of Antibiotics".

Major clients

Angelini/CSC	AdvandX	Peninsula
Astellas	AiCuris	Planton
AstraZeneca	Aires	Pherecydes-Pharma
Bayer	Arpida	Polymedix
Baxter	Athelas	Proquest
Becton&Dickinson	Biovertis	Replidyne
Biochemie/Sandoz	Bioxiness	Rib-X
Boehringer Ingelheim	Cemptra	SRI
Bristol-Myers Squibb	Destiny	Symphogen
Eli Lilly	DNDi	Targanta
Fujisawa	Emergent BioSolutions	Tetraphase
Gilead	GeneOhm (BD)	Theraclone
GlaxoSmithKline	Ipsat	Theravance
Klinge Pharma GmbH	Kalobios	
Leo	Lytix	
Merck Sharp & Dohme	Meda AB	
Novartis	Merlion Pharmaceuticals	
Pfizer (Pharmacia)	MGB-Pharma	
Roche	Migenix	
Sandoz	Mpex	
Sankyo	NAEJA	
Sanofi-Aventis	Novacal (Novabay)	
Wyeth	Novacta	

EMBL Ventures, Burrill&Company, ProQuest Investments, Alta Partners
Austrian Research Centers Seibersdorf
Viennese Hospital Association, various hospitals , Austrian Medical Chamber, medical associations

Education

■ Ph.D. in Microbiology

University of Vienna and University of Innsbruck, Austria

■ Ph.D. Thesis Title: "Microbiological Aspects of Some New Cephalosporines"

Thesis Advisor: Prof. Dr. M. Rotter, University of Vienna, Department of Clinical Microbiology

■ Seminars: Biotechnology Business Development (UC Berkeley Extension), Marketing in Bioscience Companies (UC Berkeley Extension), Investing in Biotech (BayBioNest, NASDAQ), Market Research (TVC), Marketing Effectiveness (Brussels)