

CURRICULUM VITAE

Name: Inge C. GYSSENS born in Antwerp, Belgium
Nationality: Belgian

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The Netherlands

ACTUAL POSITIONS

Since October 2018
Emeritus Professor of Infectious Diseases, Hasselt University, Hasselt, Belgium

June 2007 till present
Senior researcher, Department of Medicine and Nijmegen Center for Infectious Diseases,
Radboud University Nijmegen Medical Centre, Nijmegen, The Netherlands

PREVIOUS APPOINTMENTS AND POSITIONS

2012 -2018
Professor of Infectious Diseases, Hasselt University, Hasselt, Belgium

2008 - 2018
Internist/Infectious Diseases, Chair of the Department of Infectious Diseases & Immunity,
Jessa Ziekenhuis vzw, Hasselt, Belgium

2009 -2012
Visiting professor, Faculty of Medicine, Hasselt University, Hasselt, Belgium

1992 - 2007
ID Fellowship Program Director (2006-2007), Associate ID Fellowship Program Director (1997-
2005), Division of Infectious Diseases, Department of Internal Medicine, Erasmus University
Medical Center Rotterdam and Lecturer in Infectious Diseases, Anti-Infective Pharmacology and
HIV, Erasmus University Rotterdam.

1989 -1992
Internist-researcher, Dept. of Internal Medicine, University Hospital Nijmegen.

1979-1984
Medical and public health officer at the Centre Hospitalier Départemental, Projet Médical Belge,

in Dosso, Niger (NW Africa). Appointed in a bilateral Nigero-Belgian Development Program (ABOS, Ministry of Cooperation for Development, Brussels).

EDUCATION

1971-74 Medicine (bachelor)
Faculty of Medicine, Rijksuniversitair Centrum Antwerpen (Belgium)
1974-78 Medicine (master), Medical Doctor cum laude
Faculty of Medicine, Universitaire Instelling Antwerpen (Belgium)
1979 Degree in Tropical Medicine, magna cum laude
Prince Leopold Institute of Tropical Medicine, Antwerpen (Belgium)

TRAINING

1984 -1989 Internal Medicine, Antwerp University (Belgium)
1987-1988 Infectious Diseases, University Hospital Leiden (The Netherlands)
1989 Registered as Specialist in Internal Medicine (Belgium)
1992 Registered as Infectious Diseases specialist (The Netherlands)
1996 PhD Thesis: "Optimizing antimicrobial drug use. Studies and interventions in a university hospital." Faculty of Medical Sciences, Radboud University Nijmegen (The Netherlands)

CERTIFICATES

2010 Certificate Good Clinical Practice, Radboud University Nijmegen
2009 Certificate in Travel Health[®], International Society of Travel Medicine (ISTM)
1991 Experimental Animal Research Techniques and in vitro alternatives, *artikel-9 functionaris*, University of Nijmegen & Utrecht
1990 Clinical trials: Principles and practice. Erasmus program on Clinical and Epidemiological Research Methods, Erasmus University Rotterdam
1989 -1990 Infection control specialist, Antwerp University (100 h)
1984 Training course of the Belgian Red Cross for International Delegates (40 h)

GRANTS/RESEARCH FUNDING

Awards

2008 Alliance for the Prudent Use of Antibiotics (APUA) Leadership Award on behalf of the Dutch Working Party on Antibiotic Policy (SWAB)
1987-1988 Fellowship Infectious Diseases, Rotary Foundation District 217

Grants

1992-2003 Various unrestricted Research grants from pharmaceutical companies for a research programme on the abscesses in a subcutaneous murine model
1997-2012 Various unrestricted Research grants from pharmaceutical companies for pharmacokinetic and clinical studies
1999-2002 Research grants of The Netherlands Organisation for Health Research and Development (ZonMw) project nr 2200.0033 and nr 2010.0964.02 Multicenter intervention study Surgical prophylaxis and Surveillance of Infections (CHIPS)
2004-2007 Various Educational grants from pharmaceutical companies for quality improvement projects in the Netherlands and Indonesia
2003-2013 Research grants from the Netherlands Ministry of Health, Welfare and Sports to the Working Party on Antibiotic Policy (SWAB) for development of clinical infectious diseases guidelines and related activities.

- 2008 Research grant from Bayer Healthcare for "Contribution of relevant pathogens and innate immunity diversity of the host to the clinical severity and treatment outcome of complicated skin and skin structure infections (cSSSIs) in the patient population of IMPACT 11974, a multinational multicenter prospective, randomised comparative study (RELIEF study)".
- 2010 LSM grant Cluster Infectious Diseases, Hasselt University Belgium
- 2011 IWT grant for PhD researcher Y Thys, Hasselt University Belgium
- 2014 LCRP grant cluster Infection/immunity, Hasselt University Belgium
- 2014-2016 IMI grant ND4BB Topic 4 grant for *Driving Re-Investment in R&D and Responsible Antibiotic Use* (DRIVE-AB) project, WP1A, Radboudumc, Netherlands. www.drive-ab.eu
- 2015-2020 HORIZON 2020 Topic Development of new diagnostic tools and technologies: in vitro devices, assays and platforms (PHC-10-2014) grant for *Fast Assay for Pathogen Identification and Characterization* (FAPIC) project WP8 Clinical evaluation. Hasselt University and Radboudumc. www.fapic.eu
- 2016 Grant from the Dutch government (EU –Presidency) for organizing the DRIVE-AB 2-3 June midterm stakeholder conference *Stimulating innovation, sustainable use and global access to antibiotics*
- 2016 Grant from the ESCMID Study Group for Genomic and Molecular Diagnostics – ESGMD # 9334

HONOURS and OFFICES

- Associate Editor, Open Forum Infectious Diseases (OFID), 2018 -
- Associate Editor, Frontiers in Medicine and Frontiers in Public Health, specialty section Infectious Diseases Topic series, 2018 -
- Member of the scientific council Biobank Limburg, 2010 -
- Associate Editor on the Clinical Microbiology & Infection (CMI) Editorial Board 2014-2019
- Member of the Board 1999 - 2013, Working Party on Antibiotic Policy (Stichting Werkgroep AntibioticaBeleid, SWAB); Honorary secretary, (funded by the Netherlands Ministry of Health, Welfare and Sports), 2000 – 2004 www.swab.nl
- Chair (2005-2010) and member (2004-2011) of the Executive committee of the European Society of Medical Microbiology (ESCMID) Study Group on Antibiotic Policy (ESGAP)
- National Delegate for the focal point of Antimicrobial Resistance Netherlands, European Centre for Disease Prevention and Control (ECDC) (2007-2013)
- Active reviewer of a number of international journals including for Journal of Antimicrobial Chemotherapy, Antimicrobial Agents and Chemotherapy, Clinical Infectious Diseases, Intensive Care Medicine, Infection, Journal of Global Antimicrobial Resistance

ADVISORY COMMITTEES

Research evaluation

- 2019 - Grant review for ZonMw (NL), cluster Health Protection, Infectious Diseases
- 2011-19 Grant review for ZonMw (NL), Programme Priority Medicines Antimicrobial resistance
- 2016-19 INDEPTH ABACUS (AntiBiotic ACcess and USe) project, Wellcome Trust
- 2009 Evaluator for the European Commission, Research Directorate General, Directorate F- Health, Infectious Diseases
- 2006 - Abstract review, ECCMIDs (annually)
- 2006 Member/Chair of the selection committee WRO Goslings Award, Society for Infectious Diseases

- 2003 Grant review for ZonMw (NL), Programme Prevention and Expert for ZonMw (NL) at the meeting for 'Prevention of antimicrobial resistance', den Haag

INTERNATIONAL EXPERTISE (recent and ongoing)

- Invited expert, Patient Safety, 5th Global Ministerial Summit 2020, Montreux scheduled February
- Invited expert, Brocher Foundation Workshop on "Sustainable use policies within a new multi-sectoral framework for antibiotics", Geneva May 2017
- Invited expert, Wellcome Trust Summit on antimicrobial resistance, London, April 2016
- Invited expert, WHO Antimicrobial consumption surveillance, Geneva, March 2016
- Invited expert, EMA Phage therapy, London, June 2015
- Invited expert, ESCMID, REIPI (Spanish Network for the Research in Infectious Diseases) and ISGlobal (Barcelona Institute for Global Health) meeting, "Consumption of antibiotics in the hospitals. Antibiotic stewardship", Barcelona, November 2013
- Invited expert, Conference on Priority Medicines Antimicrobial Resistance, ZonMw, Amsterdam, December 2010
- Invited expert, Meeting of European experts: "New Strategies to Monitor and Control Infections, Antibiotic Use and Resistance in Healthcare Facilities in the EU Member States", Brussels, November 2010
- Invited expert, Swedish conference and workshops "The global need for effective Antibiotics- Moving towards Concerted Action", Uppsala, September 2010
- Invited expert, Swedish conference and Workshops " Innovative Incentives for Effective Antimicrobials", Stockholm, September 2009
- Invited expert, Ontario Antimicrobial Stewardship Project: Consensus Conference on Priority Interventions for Ontario Hospitals, Toronto, June 2009
- Consultant, WHO, Geneva, June 2009. The third challenge: Antibiotic resistance
- Expert, European Medicines Agency (EMA), London (2009)
- Consultant and Expert, European Centre for Infection Prevention and Control (ECDC), Stockholm, Antimicrobial Resistance Surveillance unit and Public Health Unit (2008-

INVITATIONS to FOREIGN INSTITUTES

- 2017 January-April. Visiting professor, Infectious Diseases Clinics, Azienda Ospedaliero-Universitaria di Modena, Italy (Prof. dr. C. Mussini)
- 2010 Laboratory Sciences Division, ICDDR, B (Prof. dr. H.P. Endtz), Dhaka, Bangladesh. Lecture "The gap between Antimicrobial resistance and the availability of antibiotics".
- 2005 Statens Serum Institut, Antimicrobial Resistance Surveillance Unit National Center for Antimicrobials and Infection Control (Dr. D.L. Monnet), Copenhagen (DK)
- 2003 Department of Medicine, Division of Infectious Diseases (Prof. W.A. Craig), University of Wisconsin, Madison (US). Lecture "Antibiotic policies in the Netherlands"

INVITED LECTURES (recent)

- 2019 Croatia national conference Microbiology & ID CROCMID, Keynote: Combination therapies: myths or facts? Split, 26 October
- 2019 ECCMID Discontinuation of empirical antibiotics in patients with fever and neutropenia. Is it possible?, Amsterdam, 16 April
- 2018 The Israeli Society for Infectious Diseases, "Quality Indicators and Quantity Metrics of Antibiotic Use", Tel Aviv
- 2017 ICPIIC Conference DRIVE-AB symposium "How to define and monitor responsible antibiotic use" Geneva

- 2016 IDSA Conference ID week "Quality measurement priorities for hospital antibiotic use in Europe", New Orleans
- 2016 Roundtable series BSAC, "The definition of responsible use" London
- 2015 ICAAC/ICC San Diego Meet-the-Experts "Metrics To Assess Effectiveness of Antibiotic Stewardship", San Diego
- 2015 European Congress of Clinical Microbiology and Infectious Diseases 25th ECCMID Session: SY16 "What is responsible use of antibiotics? View of low resistance countries", Copenhagen
- 2015 Symposium Infections in the Immunocompromised Host "Antimicrobial stewardship in immunocompromised patients in Europe", Azienda Ospedaliero-Universitaria di Modena

CURRICULAR and POSTGRADUATE TEACHING EXPERIENCE

Hasselt University 2010-2018

Undergraduate teaching; Infectious Diseases

Radboud University Nijmegen 2007-2018

Undergraduate teaching; Infectious Diseases and Antimicrobial therapy

Erasmus MC 1993-2007

Undergraduate teaching: Infectious Diseases and Antimicrobial therapy

National level

Postgraduate teaching: COIG, ROIG for residents in Internal Medicine; Boerhaave courses, Leiden (1993-2011); NIV, Maastricht, Cursus Klinische Anaerobe bacteriologie, Universiteit Groningen; Faculty Cours national de Gestion de la thérapie Anti-infectieuse, Université Libre de Bruxelles (2002 – 2009)

International level

Postgraduate teaching: International Course on Antimicrobial Stewardship, Radboud Center for Infectious Diseases (2019-, European Society of Clinical Pharmacists (ESCP) workshop on 'Patients, Infections and the Clinical Pharmacist' Leuven (2012) , 15th Annual Training Course European Bone Marrow Transplant (EBMT) Wurzburg (2012)

- See also under Organisation

SUPERVISION OF RESEARCH

- 1998-2004 Dr. L.E.T Stearne-Cullen (postdoc). Abscess model research. Erasmus University Rotterdam
- 2002 Dr. J.P. Dieleman. Safety aspects of protease inhibitors. Thesis Erasmus University Rotterdam (co-promotor)
- 2003 Dr. S.L. Buijk. Antimicrobial pharmacokinetics in critically ill patients. Thesis Erasmus University Rotterdam (co-promotor)
- 2006 C. van Nispen tot Pannerden. Management of Diabetic Foot infections Erasmus MC Rotterdam (quality improvement project)
- 2007 H. Bax. SWAB guideline program Sepsis, Erasmus MC Rotterdam
- 2008 Dr. M. van Kasteren. Improving the prescription of Antibiotics. Thesis Focus on surgical prophylaxis. Radboud University Nijmegen (co-promotor)
- 2008 Dr. Ir. J. Manniën. Surveillance of Surgical Site Infections: the PREZIES network. Thesis LUMC, (co-promotor)
- 2009 Usman Hadi. Quantity and quality of Antibiotic use on Java, Indonesia. Thesis LUMC, (co-promotor)
- 2009 N Janssen, N4i, Pattern recognition of *B. fragilis* (project) Radboud University Medical Centre Nijmegen.
- 2011 Yati Thys, MSc, University Hasselt

- 2015 Mark Stappers, Joint PhD Thesis Radboud University Medical Centre Nijmegen – Hasselt University (promotor)
- 2014 - Toon Peeters, Joint PhD track Hasselt University -Radboud University Medical Centre Nijmegen – Hasselt University
- 2014 - Annelie Monnier, Joint PhD track Radboud University Medical Centre Nijmegen - Hasselt University
- 2015 - Valentino D’Onofrio, Joint PhD track Hasselt University- Radboud University Medical Centre Nijmegen

PhD committees

Dr. Y. Santa Ana Telez, Evaluating pharmaceutical policies using cross-sectional comparisons and time series analysis. Utrecht University, 2016, manuscript committee

Dr. F. Buyle, Antimicrobial stewardship programs in a hospital setting: Development of quality indicators and implementation of intervention, Ghent University, 2015, manuscript committee

Dr. M. Tromp, Improving the care for patients with sepsis, Radboud University Nijmegen, 2012

Dr. A.C.M. Veelo, Gram-positive anaerobic cocci, identification and relevance, UMC Groningen 2011, Manuscript committee

Dr. L. Chai Yi Ann, Host-pathogen interaction in Aspergillus infections, Radboud University Nijmegen, 2010 Manuscript committee

Dr. J.G. Ferwerda, Cross-talk of inflammatory pathways for pathogen recognition. Radboud University Nijmegen, 2010.

Dr. J. Buijs, Bacterial morphology and cytokine responses during initial treatment of Gram-negative sepsis, Radboud University Nijmegen, 2008

Dr. L. Grigoryan, Self-medication with antibiotics in Europe and its determinants, UMC Groningen, 2007

Dr. J.A. Schouten, Improving quality of antibiotic use in respiratory tract infections in hospital practice, Radboud University Nijmegen, 2006

Dr. P.M. Filius, Antimicrobial use and resistance in hospitalized patients. Erasmus University Rotterdam, 2005

Dr. P.G. M. Mol, The quest for optimal antimicrobial therapy. University of Groningen, 2005

Dr. S. Natsch, Improving the quality of use of antimicrobial drugs. Assessments and interventions. Radboud University Nijmegen, 2002

Dr. P. Hugen, Optimisation of HIV protease inhibitor containing antiretroviral therapy. Radboud University Nijmegen, 2001

ORGANISATION of INTERNATIONAL COURSES, SYMPOSIA AND CONFERENCE

- Co-organiser and faculty, **National SWAB training course** for Antibiotic teams in hospitals, Utrecht area, December 2013 and April 2014, The Netherlands
- Co-organiser, **Symposium** European Antibiotic Awareness Day 18 November 2011, rivm, Bilthoven, The Netherlands
- Organiser, **Symposium** National Sepsis guideline, 6 September 2011 Maarssen
- Co-organiser and faculty, ESGAP/ESCMID **postgraduate courses**. Supported by educational grants from the European Society of Microbiology and Infectious Diseases. bi-annually in Europe (2003-2013)
- Convener and faculty, pre-meeting **educational Workshops**, supported by the American Society for Microbiology (ASM) before the Interscience Conference on the Antimicrobial Chemotherapy (ICAAC), USA: annually 2003 - 2016.
- Raising support through a special grant from the Ministry of Health, Welfare and Sports of the Netherlands during the EU Presidency. ARPAC Consensus conference Amsterdam, co-hosted by the Dutch Working Party on Antibiotic Policies (SWAB), 2004.

MEMBERSHIP OF INTERNATIONAL SCIENTIFIC SOCIETIES

Netherlands - Belgium

- Nederlandse Internisten Vereniging (NIV)
- Vereniging voor Infectieziekten (VIZ)

International

- European Society of Clinical Microbiology and Infectious Diseases (ESCMID)
- Infectious Diseases Society of America (IDSA)

PUBLICATIONS

157 cited articles in peer reviewed cited medical journals (PubMed) and 12 chapters in edited books.