

CURRICULUM VITAE



PERSONAL DATA

First and Last Name: **ANDREA ENDIMIANI**

Place and date of birth: Angera (Varese, Italy) - 1973

Nationality: Italian (working permit C)

Marital status: Married (2 sons)

Working place: Institute for Infectious Diseases (IFIK) - University of Bern
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Web of Science Researcher ID: H-4008-2019 [<https://www.webofscience.com/wos/author/record/289893>]

Scopus Author ID: 6603483801 [<https://www.scopus.com/authid/detail.uri?authorId=6603483801>]

Bern Open Repository Info System: [https://boris.unibe.ch/view/creators_id/Endimiani=3AAndrea=3A=3A.html]

IFIK: [https://www.ifik.unibe.ch/research/gram_negatives___andrea_endimiani/index_eng.html]

EDUCATION AND QUALIFICATIONS

- 28.11.2018: **FAMH (Foederatio Analyticorum Medicinalium Helveticorum) Title as Laboratory Specialist in Medical Microbiology.** Swiss Federal Office of Public Health (FOPH).
- 01.08.2017: **Associated Professor of Clinical Microbiology.** Faculty of Medicine, University of Bern, Bern, Switzerland.
- 20.06.2017: **Venia docendi (Habilitation) for Medical Microbiology.** Faculty of Medicine, University of Bern, Bern, Switzerland.
- 28.11.2014: **Full Professor of Microbiology and Clinical Microbiology - Italian Habilitation (I Fascia - Ordinario).** Abilitazione Scientifica Nazionale – Settore 06/A3 – Ministero dell’Istruzione, dell’Università e Ricerca, MIUR, Italy (Bando 2013, DD n.161/2013 and Bando 2018, DD 2175/2018). Valid until 28.05.2030 - [<https://asn18.cineca.it/pubblico/miur/esito/06%252FA3/1/6>].
- 18.01.2007: **Ph.D. in Immuno-Pathology,** Medical School (Varese, Italy), University of Insubria, Varese, Italy (2004-2006).
- 07.04.2005: **Swiss Medical Qualification** – Federal Office of Public Health (FOPH). GLN: 7601000812216 (<https://www.medregom.admin.ch/EN>).
- 11.11.2003: **Specialist in Medical Microbiology and Virology (European Board).** Laboratory of Microbiology and Virology, Medical School, University of Insubria (Varese, Italy). 1999-2003: Final score: 50/50 with honors [Law 2001/19/European Community].
- 24.05.2000: **Italian Medical Habilitation.** Medical School, University of Insubria (Varese, Italy).
- 28.07.1999: **Medical Degree.** Medical School, University of Insubria (Varese, Italy). 1992-1999: Final score: 110/110 with honors.

WORK EXPERIENCES

Present job:

- Feb 2022 to now: Associated Professor/Dozent I, 100% (of which 20% as Consultant Clinical Microbiologist). **University of Bern, Faculty of Medicine, Institute for Infectious Diseases (IFIK).** Director: Prof. Stephen L. Leib, MD. Friedbühlstrasse 51, CH-3001 Bern, Switzerland. Website: <http://www.ifik.unibe.ch/>

Previous jobs:

- Jan 2018 to Jan 2022: Associated Professor (Principal Investigator, 80% - Consultant Clinical Microbiologist, 20%). **University of Bern, Faculty of Medicine, Institute for Infectious Diseases (IFIK).** Director: Prof. Stephen L. Leib, MD. Friedbühlstrasse 51, CH-3001 Bern, Switzerland. Website: <http://www.ifik.unibe.ch/>
- Jan 2017 to Dec 2017: Principal Investigator 100%. **University of Bern, Faculty of Medicine, Institute for Infectious Diseases (IFIK).** Director: Prof. Stephen L. Leib, MD. Friedbühlstrasse 51, CH-3001 Bern, Switzerland.
- March 2014 to Dec 2016: Principal Investigator, 75% - Consultant Clinical Microbiologist, 25%. **University of Bern, Faculty of Medicine, Institute of Infectious Diseases (IFIK).** Director: Prof. Stephen L. Leib, MD. Friedbühlstrasse 51, CH-3001 Bern, Switzerland.
- June 2012 to Feb 2014: Principal Investigator, 50% - Consultant Clinical Microbiologist, 50%. **University of Bern, Faculty of Medicine, Institute for Infectious Diseases (IFIK).** Director a.i.: Prof. Martin G. Täuber MD. Friedbühlstrasse 51, CH-3001 Bern, Switzerland.
- Aug 2011 to May 2012: Researcher, 50% - Consultant Clinical Microbiologist, 50%. **University of Bern, Faculty of Medicine, Institute for Infectious Diseases (IFIK).** Directors: Prof. Kathrin Mühlemann MD, PhD and Prof. Martin G. Täuber MD. Friedbühlstrasse 51, CH-3001 Bern, Switzerland.

- July 2010 to July 2011: Post-Doctoral Assistant. **University of Bern, Vetsuisse Faculty, Institute of Veterinary Bacteriology (IVB)**. Supervisor: Prof. Perreten Vincent PhD. Länggass-Strasse 122, CH-3001 Bern, **Switzerland**.
- Dec 2008 to May 2010: Senior Research Associate. **Case Western Reserve University, Faculty of Medicine, Department of Medicine - Section of Infectious Diseases**. Supervisor: Prof. Robert A. Bonomo MD. 10900 Euclid Ave., Cleveland, Ohio 44106, **USA**.
- Dec 2007 to May 2010: Research Associate. **Louis Stokes Cleveland Department of Veterans Affairs Medical Center Research Service (WOC)**. Supervisor: Prof. Robert A. Bonomo MD. Phone: (216) 791-3800 ext. 4645. Medical Director: Prof. Louis B. Rice MD. 10701 East Blvd, Cleveland, OH 44106, **USA**.
- Dec 2007 – Nov 2008: PostDoctoral Scholar. **Case Western Reserve University, Faculty of Medicine, Dept. of Medicine - Section of Infectious Diseases**. Supervisor: Prof. Robert A. Bonomo MD. 10900 Euclid Avenue, Cleveland, OH 44106, **USA**.
- Dec 2006 – Nov 2007: Visiting Research Scholar, **University of Pittsburgh, School of Medicine, Department of Medicine, Division of Infectious Diseases – Antibiotic Management Program**. Director: Prof. David L. Paterson MD PhD. Phone: 412-648-6401. 3A Falk Medical Building – 3601 Fifth Avenue – Pittsburgh, PA 15213-2582, **USA**.
- Oct 2003- Sep 2006: Ph.D. Program in “Immunology and Pathology”. Director: Prof. Roberto Accolla MD. **University of Insubria**, Medical School, Varese, **Italy**.
- Jun 2005 - Dec 2005: Chief of the Microbiology Laboratory - **Centro Diagnostico San Nicola**, Via Gorizia 42, 21049 Tradate, Varese, **Italy**.
- Nov 2003 – Aug 2005: Clinical Co-Investigator (50%) - **Institute for Pharmacokinetic and Analytical Studies (IPAS, SA)**, Scientific director: Prof. Antonio Marzo MD. Ligornetto, **Switzerland**.
- Nov 1999 – Oct 2003: Fellow, Clinical Microbiology – Laboratory of Microbiology and Virology, University Hospital - **University of Insubria**. Director: Prof. Antonio Toniolo MD. Varese, **Italy**.
- Jul 1999 – Nov 1999: Clinical Microbiologist - **Becton Dickinson Diagnostics**. Director: Dr. Pasquale Mosella. Milano, **Italy**.

AWARDS / HONORS

- Nov 2019: **ISAC Fellow (FISAC) Award**. Honorary title of the International Society of Chemotherapy Infection and Cancer (ISAC). Dubai, November 6-9, 2019 (<https://www.isac.world/awards/isac-fellows>).
- Apr 2012: **Young Investigator Award 2012 - European Society of Clinical Microbiology and Infectious Diseases (ESCMID)**: “ESCMID Young Investigator Award for Research in Clinical Microbiology and Infectious Diseases”, 7.500 Euro. 22nd European Congress of Clinical Microbiology and Infectious Diseases (ECCMID) - London, 31-3/3-4, 2012 (https://www.escmid.org/profession_career/awards_grants/young_investigator_awards/awardees/awardees_2012/).
- Sep 2011: **Young Investigator Laureate Award 2011 - American Society for Microbiology (ASM)**: “ICAAC Young Investigator Award Laureate for Excellence in Microbiology (ASM-Sponsored Awards)”. 51st Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC) – Chicago, September 17-20, 2011 (https://www.eurekalert.org/pub_releases/2011-09/asfm-tas_3091311.php).
- 2011: **Recognized for Outstanding Services as an Online Mentor of the American Society for Microbiology (ASM) Minority Program 2011** by the Membership Board and the Underrepresented Members Committee (Toby K. Eisenstein and Maureen S. Wright).

**COMPETITIVE RESEARCH GRANTS AS PRINCIPAL INVESTIGATOR (PI) OR CO-PRINCIPAL
INVESTIGATOR (Co-PI) (those as project partner have been omitted)**

1. **Sept 2022 – Aug 2025.** "*Using Zophobas morio larvae to design a new in vivo model of intestinal colonization due to multidrug-resistant Enterobacterales*". Overall, 559'225 CHF due to Andrea Endimiani (PI), Siegfried Hapfelmeier (Co-PI). This project includes 3-year salary for one PhD student, 2-year salary for a Lab Technician (50%), and 3-year salary for a PostDoc (30%). Swiss National Science Foundation - **NRP-79, "National Research Programme - Advancing 3R - Animals, Research and Society"** (SNF; 407940_206400). DESCRIPTION and OUTPUT: <https://data.snf.ch/grants/grant/206400>.
2. **March 1st, 2021 – Feb 28th, 2025.** "*Multidrug-Resistant Enterobacterales Colonizing Confederates Employed at Embassies Worldwide: Molecular Features, Metagenomics, and Transmission to the Swiss Householders at Return*". Overall, 671.414 CHF due to Andrea Endimiani (PI). This project includes 3,5-year salary for one PhD student, 1,5-year salary for a Lab Technician (70%), 1,5-year salary for a Study Nurse (25%), and 4-year salary for a PostDoc (25%). **Swiss National Foundation (SNF grant 32003B_192514)**. DESCRIPTION: <https://data.snf.ch/grants/grant/192514>.
3. **April 1st, 2018 – Oct 31st, 2019.** "*Prevalence and identification of critical points for transmission of multidrug-resistant bacteria in small animal clinics - towards evidence-based guidelines for infection prevention and control*". Overall, 219.588 CHF due to S. Schuller (PI), B. Willi (PI), V. Perreten (Co-PI), S. Gobeli-Brawand (Co-PI), A. Endimiani (Co-PI; 6.000 CHF), and S. Kuster (Co-PI). **Swiss Federal Food Safety and Veterinary Office (BLV)**. DESCRIPTION: <https://www.aramis.admin.ch/Grunddaten/?ProjectID=40062>
4. **March 1st, 2018 – April 30th, 2021.** "*Whole Genome and Plasmid Sequencing for MDR Enterobacteriaceae Simultaneously Isolated from Multiple Human and Non-Human Settings: Deciphering Impact, Risks, and Dynamics for Resistance Transmission and Spread*". Overall, 350.000 CHF due to Andrea Endimiani (PI), Vincent Perreten (Co-PI), and Alban Ramette (Co-PI). This project includes 3-year salary for one PhD student and 2-year salary (20%) for a PostDoc. Swiss National Science Foundation - **NRP-72, "National Research Programme, Antimicrobial Resistance"** (SNF; 407240_177378). DESCRIPTION and OUTPUT: <https://data.snf.ch/grants/grant/177378>.
5. **Oct 1st, 2017 – Dec 31st, 2021.** "*The gut microbiome in Swiss military personnel deployed to the Kosovo – a prospective observational cohort study on the gut microbiome's influence on the acquisition of multidrug resistant Enterobacteriaceae, on the occurrence of travellers' diarrhoea and its changes over time*". Overall, 100.000 CHF due to Esther Kuenzli (PI), Peter Florek (Co-PI), and Andrea Endimiani (Co-PI; 39.450 CHF). **Kompetenzzentrum für Militär- und Katastrophenmedizin**.
6. **Sept 1st 2017 – April 30th, 2021.** "*Extended-Spectrum Cephalosporin and/or Colistin-Resistant Enterobacteriaceae in Swiss Travellers to Tanzania and Thailand, in the local population, in broiler chicken and in chicken meat*". Overall, 568.003 CHF due to Christoph Hatz (PI), Jakob Zinsstag (Co-PI) and Andrea Endimiani (Co-PI; 351.357 CHF). This project includes 3-year salary for one Research Technician at 85%. **Swiss National Foundation (SNF; 32003B_170063)**. DESCRIPTION and OUTPUT: <https://data.snf.ch/grants/grant/170063>.
7. **Dec 1st, 2015 – Nov 30th, 2018.** "*Combating Antibiotic Resistance: Novel Antibacterial Strategies*". 3-year salary for a PhD Student (145.000 CHF); Andrea Endimiani, PI. **Hans Sigrist Foundation** (Bern, Switzerland). https://www.sigrist.unibe.ch/news/interviews-with-hans-sigrist-prize-winners/2015-prof-dr-luciano-marraffini/index_eng.html
8. **Sept 1st, 2015 – Aug 31st, 2016.** "*Phage activity against anti Clustered regularly interspaced short palindromic repeats in Gram-negative bacteria*" (1-year salary = 45.500 CHF); Andrea Endimiani, PI. **Swiss Government Excellence Scholarship** for a Visiting Post-Doc (Dr. Karumidze Natia; Eliava G. Institute of Bacteriophages, Microbiology and Virology - Tbilisi, Georgia).
9. **Nov 2014 – Oct 2015.** "*Aerococcus urinae: Epidemiology, molecular Characteristics and treatment options for an Underestimated Uropathogen*". Overall, 80.000 CHF due to Cédric Hirzel (PI), Hansjakob Furrer (Co-PI), Jonas Marschall (Co-PI), and Andrea Endimiani (Co-PI). Forschungsgrants für Nachwuchsforschende des **Inselspitals / Universitätsspitals Bern**. This project included 1-year salary for one Research Technician at 100%.
10. **Sep 2014 – Aug 2017.** "*Intestinal Carriage of Extended-Spectrum Cephalosporin-Resistant Enterobacteriaceae among People and Pets in Households: Descriptive Epidemiology and Role of Microbiota*". Overall, 376.000 CHF due to Andrea Endimiani (PI), Markus Hilty (Co-PI), and Jonas Marschall (Co-PI). **Swiss National Foundation (SNF; 32003B_153377)**. DESCRIPTION and OUTPUT: <https://data.snf.ch/grants/grant/153377>.
11. **May 2014 – Apr 2015.** "*Implementation of Two Rapid Diagnostic Tools in Patients with Neutropenic Fever: Analysis of Early Directed Therapy for Gram-negative Bloodstream Infections*". Overall, 84.000 CHF due to

Brugger Daniel Silvio (PI), Parham Sendi (Co-PI) and Andrea Endimiani (Co-PI). Forschungsgrants für Nachwuchsforschende des **Inselspitals / Universitätsspitals Bern**. This project includes 1-year salary for one Research technician at 50% and one Study Nurse at 30%.

12. **Feb 2014 – March 2017**. “*Rapid Diagnosis of Antibiotic Resistance in Gonorrhoea: RADAR-Go*”. Due to Nicola Low (PI), Althaus Christian, Rutjes Anne, Sebastian Bonhoeffer, Hansjakob Furrer (PI), Magnus Unemo, and Andrea Endimiani (PI). Overall, 1’999’971 CHF of which 782’740 CHF allocated for WP Laboratory where AE is PI. In this project AE had a 3-year salary support for one PostDoc (100%) and one Research Technician (50%). **Swiss TransMed, Translational Research in Medicine (Swissuniversities – CRUS.ch)**.
13. **Jan 2014 – Dec 2016**. “*Exploring response surfaces and synergistic interactions of antibiotic combination treatment for Neisseria gonorrhoeae*”. Due to Althaus Christian (PI), Andrea Endimiani (Co-PI), and Nicola Low (Co-PI). Overall, 192.000 CHF of which 30.000 CHF allocated for AE. This project included 3-year salary support for one PhD student working part-time at the Institute of Infectious Diseases, Bern (IFIK) and the Institute of Social and Preventing Medicine (ISPM). **SystemsX, the Swiss Initiative in Systems Biology**.
14. **Oct 2013 - Aug 2014**. “*Fosfomycin – a new promising therapeutic strategy against multidrug-resistant Neisseria gonorrhoeae*”. Overall, 106.806 CHF due to Christoph Hauser (PI), Hansjakob Furrer (Co-PI), and Andrea Endimiani (Co-PI). Forschungsgrants für Nachwuchsforschende **des Inselspitals / Universitätsspitals Bern**. This project includes 1-year salary for one Research technician at 80%.
15. **Jun 2012 - May 2015**. “*Genetic Properties of Extended-Spectrum Cephalosporin-Resistant Escherichia coli in Humans and Animals*”: 170.000 CHF due to Vincent Perreten (PI) and Andrea Endimiani (Co-PI) - Project N. 1.12.06; **Swiss Federal Food Safety and Veterinary Office (BLV)**. This project includes 2-year salary support for one PhD student (i.e., Salome Seiffert); the third year was supported by the Institute of Infectious Diseases, Bern, Switzerland (Prof. Kathrin Mühlemann).

OTHER FUNDS

1. **March 2014 – August 2014**. “*Characterization of Resistance Plasmids Circulating in Community-Acquired Bacteria (other than Enterobacteriaceae) and Development of a Second-Generation PCR-Based Replicon Typing System to Trace and Control Antimicrobial Resistance Spread*”. 6.000 CHF. Supplemental Grants for Visiting Professors (Prof. Alessandra Carattoli, Italy) – **Hans Sigrist Foundation** (Bern, Switzerland).

FUNDS FOR APPARATUSES

1. **March 2017**. Received 32.981 CHF for purchasing the *8454 UV Spectrophotometer (Agilent)*. University of Bern - Committee for Investment Proposals.
2. **April 2015**. Received 30.000 CHF for purchasing the *BioFlo 115 Adv Fermenter WJ Kit 3.0L (Eppendorf)*. University of Bern - Committee for Investment Proposals.
3. **2013**. Received 30.000 CHF (with Sara Droz) for purchasing the *DiversiLab Rep-PCR Software (bioMérieux)*. University of Bern - Committee for Investment Proposals.

TRAVEL GRANTS

1. Sep 2007: “**George McCracken ID Fellow Travel Grant**”. 47th Interscience Conference on Antimicrobial Agents and Chemotherapy (**ICAAC**) – Chicago, September 16-20, **2007**.
2. Apr 2006: “**Travel Grant Application Sponsored by Wyeth**”. 16th European Congress of Clinical Microbiology and Infectious Diseases (**ECCMID**) - Nice, April 1-4, **2006**.

TEACHING

1. **Since 2018. *Antibiotic-Resistant Bacteria and One-Health: From the Plate to the Bedside.*** Interfaculty course for Master and PhD students of University of Bern along with International students (24 hrs; 3 ECTS; KSL No. 446839). EnglL - Courses conducted in English (Institute for Infectious Diseases – Bern, Switzerland).
2. **Since 2013. *Pathogenesis and Evolution of Infectious Diseases*** (Biomedical Sciences, BMSc). Vorlesung für Master of Biomedical Sciences (med.) und Master of Life Sciences (phil.-nat.) Studierende, Herbstsemester 2019 (24 hrs; 3 ECTS; KSL No. 4542). University of Bern, Switzerland.
3. **2005-2006. *Medical Microbiology*** (within the course of Laboratory Medicine). University of Insubria, 4th year of Medical School (Varese, Italy). Coordinator: Prof. Giancarlo De Luca, MD.

SUPERVISING PhD THESES

1. **2022-2025.** Supervisor of **Yasmine Eddoubaji** for the PhD Thesis (Title not yet established). University of Bern, Institute of Infectious Diseases.
2. **2021-2024.** Supervisor of **Edgar Igor Campos-Madueno** for the PhD Thesis (Title not yet established). University of Bern, Institute of Infectious Diseases.
3. **2021-2024.** Co-Advisor of **Javier Eduardo Fernandez** for the thesis (“*WGS-based analysis of multi-drug resistant bacteria isolated from animal and human sources*”). University of Bern, Institute for Veterinary Bacteriology.
4. **2018-2019** (March 1, 2018 – July 31, 2019). Supervisor of **Mathieu Clément** for the PhD Thesis. University of Bern, Institute of Infectious Diseases. Candidate quitted on July 31st, 2019.
5. **2017-2021.** Co-Advisor of **Michael Quinta Brilhante** for the thesis (“*Unveiling the nature of antibiotic resistance using next-generation sequencing*”). University of Bern, Institute for Veterinary Bacteriology.
6. **2017-2018** (Sept 1, 2017 – Feb 28, 2018). Supervisor of **Fernanda Pimentel de Araujo** for the PhD Thesis (“*Multidrug-Resistant (MDR) Enterobacteriaceae in Swiss Travelers to Tanzania and Laos, in the local population, in broiler chicken and in chicken meat*”). University of Bern, Institute of Infectious Diseases. Candidate quitted on February 28th, 2018.
7. **2015-2018.** Supervisor of **Odette J. Bernasconi** for the PhD Thesis (“*Understanding and Responding to the Polymyxins Crisis while Considering Bacteriophages as a New Prospect for a Post-Antibiotic Era*”). University of Bern, Institute of Infectious Diseases.
8. **2014-2015.** Supervisor of **Yuvia Naomi Guilarte** for the PhD Thesis (“*Emergence of untreatable gonorrhoeae: a need for rapid diagnostic test and novel therapeutic strategies*”). University of Bern, Institute of Infectious Diseases. Candidate quitted on June 30th, 2015.
9. **2014-2017.** Supervisor of **Joao Pedro do Couto Pires** for the PhD Thesis (“*Intestinal Carriage of Extended-Spectrum Cephalosporin-Resistant Enterobacteriaceae among People and Pets in Households: Descriptive Epidemiology and Role of Microbiota*”). University of Bern, Institute of Infectious Diseases.
10. **2013-2017.** Co-Advisor of **Luís Pedro Gomes do Carmo** for the PhD Thesis (“*Antimicrobial usage and resistance in food animals-temporal trends and relevance for public health*”). Swiss Federal Veterinary Office (BVET).
11. **2012-2015.** Co-Advisor of **Salome N. Seiffert** for the PhD Thesis (“*Genetic Properties of Extended-Spectrum Cephalosporin-Resistant Escherichia coli in Humans and Animals*”). University of Bern, Institute of Veterinary Bacteriology.

SUPERVISING MASTER THESES

1. **Nov, 2021- May, 2022.** Supervisor of **Pablo Porrugas Paseiro** for the Master Thesis (“*Epidemiology, Risk Factors, Hidden Gut Resistome and Characterization of Multidrug-Resistant Enterobacteriales Colonizing the Intestinal Tract of Swiss Expatriates*”). University of Bern and Uppsala University (Sweden) under the Swiss-European Mobility Programme – Student Mobility of Traineeships. Winner of the best poster at the exhibition of Master's Programme in Infection Biology.
2. **2013-2014.** Supervisor of **Yuvia Naomi Guilarte** for the Master Thesis (“*Phenotypic and Molecular Characterization of Aerococcus urinae isolates*”; final score 6/6). University of Bern, Institute of Infectious Diseases.

3. **2013-2014.** Supervisor of **Enver Isis** for the Master Thesis (“*Characterization of Burkholderia cepacia complex isolates from cystic fibrosis patients*”); final score 5.5/6). University of Bern, Institute of Infectious Diseases.
4. **2010-2011.** Co-Advisor of **Dr. Ott Roman** for the Master Thesis (“*Antibiotic resistance in E. coli causing airsaccutitis in poultry in South Africa*”). University of Bern, Institute of Veterinary Bacteriology.

SUPERVISING MASTER/DOCTORAL THESES OF THE MEDICAL SCHOOL

1. **Oct 2022-March 2023.** Co-supervisor of **Olivia Rohrer** for the Doctoral Thesis (Title not yet established).
2. **Feb 2018 - Feb 2020.** Supervisor of the medical student **Andreas Candinas** for the Master Thesis (“*Urinary Tract Infections at the Inselspital during 1998-2017: Etiology and Dynamics of Antibiotic Resistance*”). University of Bern, Institute of Infectious Diseases.
3. **2017-2019.** Supervisor of the medical student **Maximilian Scheidegger** for the Doctoral Thesis (“*Gradual in vitro evolution of cefepime resistance in a ST131 Escherichia coli strain*”). University of Bern, Institute of Infectious Diseases.

OTHER TUTORING / SUPERVISING

1. **July-Aug 2022.** Hosting PhD student **Arcadia del Rio** (University of Sassari, Italy) as Visiting Researcher.
2. **2018.** Supervisor of **Zoe L. Leib** for the Maturaarbeit (“*Einfluss von Auslandsreisen auf das Vorkommen von antibiotikaresistenten Bakterien im Darm von Jugendlichen in der Schweiz*”). University of Bern, Institute of Infectious Diseases.
3. **2018** (Feb 19 –March 09). Tutoring Miss **Linda Eggs** during the Elective Module of the Master of Biomedical Science, University of Bern (Bern, Switzerland).
4. **2018.** Co-Referee of the Doctoral Degree Dissertation of **Anna Christina Hausherr** (“*Resistance to antibiotics and quaternary ammonium compounds of Escherichia coli from calves at the beginning of the rearing period in Switzerland*”). University of Bern, Institute of Veterinary Bacteriology, Vetsuisse Faculty.
5. **2017.** Co-Referee of the Doctoral Degree Dissertation of **Sabrina Nathalie Andreis** (“*Identification of β -lactam and macrolide resistance genes in coagulase-negative staphylococci*”). University of Bern, Institute of Veterinary Bacteriology, Vetsuisse Faculty.
6. **2016** (Nov-Dec). Tutoring **Dr. Marianeve Quartuccio** under the “*Nationales Qualifizierungsprogramm, BNF*“. Institute for Infectious Diseases, University of Bern (Bern, Switzerland).
7. **2016** (July). Tutoring the BS student **Virginia Hill** in Molecular Microbiology. Institute for Infectious Diseases, University of Bern (Bern, Switzerland).
8. **2009-2010.** Tutoring **Dr. Yuvraj Choudhary MD** in Molecular Microbiology. Case Western Reserve University (Cleveland, USA). Director: Prof. Robert A. Bonomo MD.
9. **2009-2010.** Tutoring college student **Julian Gatta** in Molecular Microbiology. Case Western Reserve University (Cleveland, USA). Director: Prof. Robert A. Bonomo MD.

OTHER UNIVERSITY DUTIES

1. **Evaluator of the Doctoral Theses** - University of Bern, Faculty of Medicine (since 2019).
2. **Evaluator of the PD (*Venia docendi*) and Associated Professor Habilitations** - University of Bern, Faculty of Medicine (since 2017).
3. **Committee Member for the Nomination of the New Director** (replacing Prof. Joachim Frey in July 2016) **of the Institute of Veterinary Bacteriology** (University of Bern, 2015: “*Berufungskommission Bakteriologie*”).
4. **Organizer of the Hans Sigrist Symposium 2015.** *Combating Antibiotic Resistance: Novel Antibacterial Strategies.* Bern – Friday, December 4th, 2015.
5. **Chair of the Committee for the Hans Sigrist Foundation Prize 2015** (100.000 SFr assigned to one young investigator on December 4th, 2015): “*Combating Antimicrobial Resistance: Novel Antibacterial Strategies*”.
6. **Committee Member for the Structural Report of the Institute of Veterinary Bacteriology for the Nomination of the New Director** replacing Prof. Joachim Frey in July 2016 (University of Bern, 2014: “*Auftrag an die Berufungskommission Bakteriologie*”).

DUTIES FOR OUTSIDE UNIVERSITIES

1. Examiner for the Professor Habilitations for **University of Zurich**, Switzerland (2022).
2. Examiner for the PhD Theses of the **Université de Fribourg**, Switzerland (2020).
3. Examiner for the Professor Habilitations of the Appointment and Promotion Unit, **Ariel University - Ariel**, West Bank, Israel (2018).
4. Examiner for the PhD Theses of the **University of Insubria**, Varese, Italy (2017).
5. Examiner for the PhD Theses of the **University of Queensland**, Australia (2016).

MEMBER OF THE FOLLOWING SCIENTIFIC WORKING GROUPS

- **Deputy Director of the SwissNoso Star Group Committee for Microbiological Diagnostics**, since 2017 - Director: Prof Jacques Schrenzel, Geneva, Switzerland [<https://www.swissnoso.ch/forschung-entwicklung/umsetzung-star/organisation>].
- Member of the **Steering committee of the Project STAR-2** for the Swiss Society of Microbiology, since 2017 – [<https://www.swissnoso.ch/forschung-entwicklung/umsetzung-star/organisation>].
- Member of the General Assembly of the "**Round Table Antibiotics**", since 2019 [<https://roundtableantibiotics.ch/>].
- Committee member of the "**NRP72 Synthesis Working group 1**", since 2019. NRP-72, "National Research Programme, Antimicrobial Resistance".
- Member of the **Swiss Biobanking Platform (SBP) / Experts Microbiology Working Group**, since 2017 [<https://swissbiobanking.ch/wg-microbiology/>].
- **Working Group for MRSA**, International Society of Chemotherapy Infection and Cancer, since 2014 [<http://www.ischemo.org/index.php>].
- **Working Group for Antibiotic Stewardship (Gram-negatives)**, International Society of Chemotherapy Infection and Cancer, 2014-2017 [<http://www.ischemo.org/index.php>].
- **External Expert for the World Health Organization (WHO)**, 2014. "Rapid Methods for Antimicrobial Susceptibility Testing at Point-of-Care in Lower Middle-Income Countries (LMICs)".

MEMBER OF THE FOLLOWING SCIENTIFIC SOCIETIES

- **ASM**, American Society for Microbiology (since 2007);
- **ESCMID**, European Society for Clinical Microbiology and Infectious Diseases (since 2006);
- **SSI**, Swiss Society of Infectious Diseases (since 2013);
- **ISAC**, International Society of Chemotherapy Infection and Cancer (since 2013). Since 2019, member as ISAC Fellow (FISAC).

REVIEWER FOR THE FOLLOWING ORGANIZATIONS

- Swiss National Science Foundation (SNSF), Switzerland;
- **Wellcome Trust** - Clinical Research Career Development Fellowship Scheme;
- Italian Ministry of Health (MOH), Italy;
- Czech National Foundation (GACR);
- Romanian National Research Council for Scientific Research (CNCS);
- The Netherlands Organisation for Health Research and Development (**ZonMw**). The ZonMw Priority Medicines Antimicrobial Resistance Programme, a multi-year programmes commissioned by the Ministry of Health, Welfare and Sport (**VWS**) of The Netherlands;
- Swiss Federal Department of Home Affairs (**FDHA**) / Federal Food Safety and Veterinary Office (**FSVO**);
- Research Foundation - Flanders (**FWO**), Opening New Horizons – Belgium;
- The United Arab Emirates Program for Advanced Research (**UPAR**) Grant Competition;
- King Abdullah International Medical Research Center (**KAIMRC**). Ministry of National Guard Health Affairs (**MNGHA**) - Kingdom of Saudi Arabia;
- American Society for Microbiology (**ASM**), Microbe Conference Abstracts Reviewer;
- American Society for Microbiology (**ASM**), Microbe Conference Late-Breaker Abstracts Reviewer;
- American Society for Microbiology (**ASM**), Microbe Conference Travel Award Reviewer;
- European Society for Clinical Microbiology and Infectious Diseases, **ESCMID** Research Grant Reviewer;
- European Society for Clinical Microbiology and Infectious Diseases, **ECCMID** Conference Abstracts Reviewer;
- **ProPatient Foundation**, Basel, Switzerland;
- Associate Faculty Member of “**Faculty of 1000**”.

EDITOR OR EDITORIAL BOARD MEMBER FOR PEER-REVIEWED JOURNALS

- *Antimicrobial Agents and Chemotherapy* (Editorial Board, since 2011);
- *Clinical Microbiology Reviews* (Editorial Board, since 2021);
- *European Journal of Clinical Microbiology & Infectious Diseases* (Editorial Board, since 2021);
- *Frontiers in Microbiology - Antimicrob, Resist & Chemother.* - (Reviews Editor, since 2016)
- *Journal of Clinical Microbiology* (Editorial Board, since 2015);
- *Journal of Global Antimicrobial Resistance* (Section Editor, since 2013);
- *Pathogens and Immunity* (Associated Editor, since 2016).

REFeree FOR PEER-REVIEWED JORNALS

- *American Journal of Infection Control*;
- *Antimicrobial Agents and Chemotherapy*;
- *BMC Immunology*;
- *BMC Research Note*;
- *Clinical Microbiology and Infection*;
- *Clinical Infectious Diseases*;
- *Critical Care*;
- *Diagnostic Microbiology and Infectious Disease*;
- *Emerging Infectious Diseases*;
- *Expert Review of Anti-infective Therapy*;
- *European Journal of Clinical Investigation*;
- *European Journal of Clinical Microbiology & Infectious Diseases*;

- *Eurosurveillance*;
- *Future Microbiology*;
- *Journal of Antimicrobial Chemotherapy*;
- *Journal of Clinical Microbiology*;
- *Journal of Global Antimicrobial Resistance*;
- *Journal of Infection and Chemotherapy*;
- *Journal of Infection*;
- *Journal of Chemistry*;
- *Journal of Chemotherapy*;
- *Journal of Microbiological Methods*;
- *International Journal of Medicine and Medical Sciences*;
- *International Journal of Antimicrobial Agents*;
- *Letters in Drug Design & Discovery*;
- *Microbial Drug Resistance*;
- *mBio*;
- *Microbiology Spectrum*;
- *mSphere*;
- *Open Forum Infectious Diseases*;
- *Pathogens and Immunity*;
- *PeerJ*;
- *Plos One*;
- *Scandinavian Journal of Infectious Diseases*;
- *Science Translational Medicine*;
- *Swiss Medical Forum*.

Reviews are certified by Web of Science (<https://www.webofscience.com/wos/author/record/89708>) (on 10.11.2022):

- Reviews: n=745
- Editor: n=345

SUMMARY OF THE SCIENTIFIC PRODUCTION

YEAR	Overall publications * (those as first/last author)	Research articles *	Reviews *	Citation per year (Google Scholar)	Lectures *	Oral presentations (abstracts)*	Posters at conferences (abstracts) *	Invited speaker, moderator, seminars *	Total grants and funds (as PI or Co-PI) **	Funds allocated only to AE (as PI or Co-PI)	Weighted Relative Citation Ratio, RCR
2022	5 (3)	5	-	750	1	1	3	1	1 (559'255 CHF)	559'255 CHF	-
2021	12 (9)	12	-	1009	-	-	3	-	1 (671.414 CHF)	671.414 CHF	2.58
2020	10 (6)	9	1	992	-	2	5	-	-	-	24.48
2019	11 (7)	10	1	1017	4	5	9	3	-	-	19.20
2017-2018	21 (13)	21	-	Nc	6	7	16	7	5 (1'270.569 CHF)	746.807	32.73
2015-2016	24 (16)	21	3	Nc	4	12	19	9	3 (220.500 CHF)	220.500 CHF	42.81
2013-2014	22 (12)	19	3	Nc	2	1	16	5	8 (2'874.777 CHF)	1'411.546 CHF	52.15
1998-2012	60 (29)	54	6	Nc	5	15	61	9	2 (296.000 CHF)	296.000 CHF	145.32
OVERALL	165 (96)	150	14	10640	22	43	130	34	20 (5'959.504 CHF)	3'836.755 CHF	319.27

nc, not calculated. *Data includes both national and international presentations. **The overall amounts (not those allocated only for AE) and covering the entire grant period

PEER-REVIEWED PUBLICATIONS:

Overall, **N=164** of which:

- 34 as first author (20.7%)
- 60 as last and/or corresponding author (36.6%)
- **Total: 94 as first/last author (57.3%)**

PARAMETERS (on 10.11.2022):

GOOGLE SCHOLAR: H-index = 56; i10-index = 123

WEB OF SCIENCE: H-index = 45; citations = 6473

WEIGHTED RELATIVE CITATION RATIO, RCR (<https://icite.od.nih.gov/analysis>), on 01.02.2022

Overall: **319** - Last 3 years (2019-2021): 46.26

INTERNATIONAL

ORIGINAL ARTICLES (n=148; of which 28 as first and 59 as last or corresponding author, overall 87=58.8%)

2022

1. Javier E. Fernandez, Helena M.B. Seth-Smith, Patrice Nordmann, Adrian Egli, **Andrea Endimiani**, Vincent Perreten. Intra- and inter-species spread of a novel conjugative multidrug resistance IncC plasmid co-harboring *bla*_{OXA-181} and *armA* in a cystic fibrosis patient. *Microbiology Spectrum*. Oct 26;10(5):e0312122; **2022**.
2. Aline I. Moser, Edgar I. Campos-Madueno, Vincent Perreten, **Andrea Endimiani**. Genome stability during serial sub-culturing in hyperepidemic multidrug-resistant *Klebsiella pneumoniae* and *Escherichia coli*. *Journal of Global Antimicrobial Resistance*. Aug 29;31:152-161; **2022**.
3. Edgar I. Campos-Madueno, Carola Mauri, Elisa Meroni, Pablo Porrugas Paseiro, Alessandra Consonni, Francesco Luzzaro, **Andrea Endimiani**. Simultaneous gut colonization by *Klebsiella grimontii* and *Escherichia coli* co-possessing the *bla*_{KPC-3}-carrying pQil plasmid. *Eur J Clin Microbiol Infect Dis*. 41(7):1087-1091; **2022**.
4. Parham Sendi, Marc Thierstein, Nadja Widmer, Flora Babongo Bosombo, Annina Elisabeth Büchi, Dominik Güntensperger, Manuel Raphael Blum, Rossella Baldan, Caroline Tinguely, Brigitta Gahl, Dik Heg, Elitza S. Theel, Elie Berbari, **Andrea Endimiani**, Peter Gowland, Christoph Niederhauser for the PoliCOV-19 study. Serosurveillance after a COVID-19 Vaccine Campaign in a Swiss Police Cohort. *Immunity, Inflammation and Disease*. 10:e640; **2022**.
5. Edgar I. Campos-Madueno, Aline I. Moser, Géraldine Jost, Carola Maffioli, Thomas Bodmer, Vincent Perreten, and **Andrea Endimiani**. Carbapenemase-producing *Klebsiella pneumoniae* strains in Switzerland: human and non-human settings may share high-risk clones. *Journal of Global Antimicrobial Resistance*. 28:206-215; Jan 24, **2022**.

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6. Aline I. Moser, Peter M. Keller, Edgar I. Campos-Madueno, Laurent Poirel, Patrice Nordmann, and **Andrea Endimiani**. A patient with multiple carbapenemase producers including an unusual *Citrobacter sedlakii* hosting an IncC *bla*_{NDM-1}- and *armA*-carrying plasmid. *Pathogens and Immunity*. 6(2): 119-134; Nov 19, **2021**.
7. Aline I. Moser, Edgar I. Campos-Madueno, Parham Sendi, Vincent Perreten, Peter M. Keller, Alban Ramette, and **Andrea Endimiani**. Repatriation of patient with COVID-19 contributed to the importation of an emerging carbapenemase producer. *Journal of Global Antimicrobial Resistance*. 27:267-272; Oct 28, **2021**.
8. Valentina Dazio, Aurélien Nigg, Janne S. Schmidt, Michael Brilhante, Edgar I. Campos-Madueno, Nico Mauri, Stefan P. Kuster, Stefanie Gobeli Brawand, Barbara Willi, **Andrea Endimiani**, Vincent Perreten, Simone Schuller. Duration of carriage of multidrug-resistant bacteria in dogs and cats in veterinary care and co-carriage with their owners. *One Health*. 13:100322; Aug 31, **2021**.
9. Aline I. Moser, Esther Kuenzli, Edgar I. Campos-Madueno, Thomas Büdel, Sayaphet Rattanavong, Manivanh Vongsouvath, Christoph Hatz, and **Andrea Endimiani**. Antimicrobial-Resistant *Escherichia coli* Strains and Their Plasmids in People, Poultry and Chicken Meat in Laos. *Front Microbiol*. 12:708182; July 26, **2021**.
10. Edgar I. Campos-Madueno, Aline I. Moser, Martin Risch, Thomas Bodmer, and **Andrea Endimiani**. Exploring the global spread of *Klebsiella grimontii* isolates possessing *bla*_{VIM-1} and *mcr-9*. *Antimicrobial Agents and Chemotherapy*. 65(9):e0072421; Aug 17, **2021**.
11. Aline I. Moser, Edgar I. Campos-Madueno, Peter M. Keller, **Andrea Endimiani**. Complete Genome Sequence of a Third- and Fourth-Generation Cephalosporin-Resistant *Comamonas kerstersii* Isolate. *Microbiology Resource Announcements* (formerly *Genome Announcements*). Jul 15;10(28):e0039121, **2021**.
12. Edgar I. Campos-Madueno, Thomas Sigrist, Ursula M. Flückiger, Lorenz Risch, Thomas Bodmer, **Andrea Endimiani**. First report of a *bla*_{VIM-1} metallo- β -lactamase-possessing *Klebsiella michiganensis*. *Journal of Global Antimicrobial Resistance*. 25:310-314; Jun, **2021**.
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14. Edgar I. Campos-Madueno, Christian Gmuer, Martin Risch, Thomas Bodmer, **Andrea Endimiani**. Characterization of a new *bla*_{VIM-1}-carrying IncN2 plasmid from an *Enterobacter hormaechei* subsp. *steigerwaltii*. *Journal of Global Antimicrobial Resistance*. 24:325-327; March, **2021**.

15. Michael Brillhante, Stefanie Gobeli Brawand, **Andrea Endimiani**, Helene Rohrbach, Sonja Kittl, Barbara Willi, Simone Schuller and Vincent Perreten. Two high-risk clones of carbapenemase-producing *Klebsiella pneumoniae* that cause infections in pets and are present in the environment of a veterinary referral hospital. *Journal of Antimicrobial Chemotherapy*. 13;76(5):1140-1149; April **2021**.
16. Valentina Dazio, Aurélien Nigg, Janne S. Schmidt, Michael Brillhante, Nico Mauri, Stephan P. Kuster, Stefanie Gobeli Brawand, Gertraud Schüpbach-Regula, Barbara Willi, **Andrea Endimiani**, Vincent Perreten, Simone Schuller. Acquisition and carriage of multidrug-resistant organisms (MDRO) in dogs and cats presented to small animal practices and clinics in Switzerland. *Journal of Veterinary Internal Medicine*. 35(2):970-979; March, **2021**.
17. Moser I. Aline, Esther Kuenzli, Thomas Büdel, Edgar I. Campos-Madueno, Odette J. Bernasconi, Susan DeCrombeer, Barbara Jakopp, Ali Haji Mohammed, Nadir Khatib Hassan, Jan Fehr, Jakob Zinsstag, Christoph Hatz, and **Andrea Endimiani**. Travellers returning from the island of Zanzibar colonized with MDR *Escherichia coli* strains: assessing the impact of local people and other sources. *Journal of Antimicrobial Chemotherapy*. 76: 330–337, **2021**.

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18. Luigi Principe, Odette J. Bernasconi, Valentina Viaggi, Edgar I. Campos-Madueno, **Andrea Endimiani**, Francesco Luzzaro. Emergence of *Haemophilus parainfluenzae* resistant to third-generation cephalosporins in Italy: potential role of PBP3 and PBP5 substitutions in high-level resistance. *International Journal of Antimicrobial Agents*. Nov;56(5):106159, **2020**.
19. Edgar I. Campos-Madueno, Odette J. Bernasconi, Aline I. Moser, Peter M. Keller, Francesco Luzzaro, Carola Maffioli, Thomas Bodmer, Andreas Kronenberg, and **Andrea Endimiani**. Rapid Increase of CTX-M-Producing *Shigella sonnei* Isolates in Switzerland: Spread of Common Plasmids and International Clones. *Antimicrobial Agents and Chemotherapy*. Sep 21;64(10):e01057-20, **2020**.
20. Stephanie Bleichenbacher, Marc J.A. Stevens, Katrin Zurfluh, Vincent Perreten, Andrea Endimiani, Roger Stephan, Magdalena Nüesch-Inderbinen. Environmental dissemination of carbapenemase-producing Enterobacteriaceae in rivers in Switzerland. *Environmental Pollution*. Oct;265(Pt B):115081, **2020**.
21. Odette J. Bernasconi, Edgar I. Campos-Madueno, Valentina Donà, Vincent Perreten, Alessandra Carattoli, **Andrea Endimiani**. Investigating the Use of Bacteriophages as New Decolonization Strategy for Intestinal Carriage of CTX-M-15-producing ST131 *Escherichia coli*: An *In Vitro* Continuous Culture System Model. *Journal of Global Antimicrobial Resistance*. Jun 23:S2213-7165(20)30149-1, **2020**.
22. Janne S. Schmidt, Stefan P. Kuster, Aurélien Nigg, Valentina Dazio, Michael Brillhante, Helene Rohrbach, Odette J. Bernasconi, Thomas Büdel, Edgar I. Campos-Madueno, Stefanie Gobeli Brawand, Simone Schuller, **Andrea Endimiani**, Vincent Perreten, Barbara Willi. Poor infection prevention and control standards are associated with environmental contamination with carbapenemase-producing *Enterobacterales* and other multidrug-resistant bacteria in Swiss companion animal clinics. *Antimicrobial Resistance & Infection Control*. Jun 23;9:93, **2020**.
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24. **Andrea Endimiani**, Odette J. Bernasconi, Thomas Büdel, Edgar I. Campos-Madueno, Esther Kuenzli, Christoph Hatz, Alessandra Carattoli. Whole-genome characterization of a *Shewanella algae* strain co-harboring *bla*_{CTX-M-15} and *armA* genes on a novel IncC plasmid. *Antimicrobial Agents and Chemotherapy*. Apr 21;64(5), **2020**.
25. Adrian Egli, Daniel Koch, Jürg Danuser, Rene S Hendriksen, Susanne Driesen, Diana Coman Schmid, Richard Neher, Mirjam Mäusezahl, Helena MB Seth-Smith, Guido Bloemberg, Sarah Tschudin-Sutter, **Andrea Endimiani**, Vincent Perreten, Gilbert Greub, Jacques Schrenzel, Roger Stephan. Symposium report: One Health meets sequencing. *Microbes and Infection*. Jan - Feb;22(1):1-7, **2020**.
26. **Andrea Endimiani**, Michael Brillhante, Odette J. Bernasconi, Vincent Perreten, Janne S. Schmidt, Valentina Dazio, Aurélien Nigg, Stefanie Gobeli Brawand, Stefan P. Kuster, Simone Schuller, and Barbara Willi. Employees of Swiss Veterinary Clinics Colonized with Epidemic Clones of Carbapenemase-Producing *Escherichia coli*. *Journal of Antimicrobial Chemotherapy*. 1;75(3):766-768, **2020**.

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27. Esther Kuenzli, Thomas Büdel, Odette J. Bernasconi, Patricia Schlagenhauf, Peter Florek, Nejla Gültekin, Christoph Hatz, **Andrea Endimiani**. Intestinal Colonization with Multidrug-Resistant Enterobacteriaceae: Screening of Swiss Military Deployed to Kosovo. *Journal of Global Antimicrobial Resistance*. 19: 93-95, **2019**.
28. Mathieu Clément, Peter M. Keller, Odette J. Bernasconi, Guido Stirnimann, Pascal M. Frey, Guido V. Bloemberg, Parham Sendi, **Andrea Endimiani**. First Clinical Case of *In Vivo* Acquisition of DHA-1 plasmid-mediated AmpC in a *Salmonella enterica* subsp. *enterica* Isolate. *Antimicrobial Agents and Chemotherapy*. 63:10, e00992-19, **2019**.
29. Thomas Büdel, Esther Künzli, Mathieu Clément, Odette J. Bernasconi, Jan Fehr, Ali Haji Mohammed, Nadir Khatib Hassan, Jakob Zinsstag, Christoph Hatz, and **Andrea Endimiani**. Polyclonal gut colonization with extended-spectrum cephalosporin- and/or colistin-resistant Enterobacteriaceae: a normal status for hotel employees on the island of Zanzibar, Tanzania. *Journal of Antimicrobial Chemotherapy*. 74: 2880–2890, **2019**.
30. Aurélien Nigg, Michael Brillhante, Valentina Dazio, Mathieu Clément, Alexandra Collaud, Stefanie Gobeli Brawand, Barbara Willi, **Andrea Endimiani**, Simone Schuller and Vincent Perreten. Shedding of OXA-181-carbapenemase-producing *Escherichia coli* from companion animals after hospitalization in Switzerland, 2018. *Eurosurveillance*. 24(39):pii=1900071, **2019**.
31. Odette J. Bernasconi, Luigi Principe, Valentina Viaggi, Francesco Luzzaro, and **Andrea Endimiani**. A Novel *VanA*-Carrying Plasmid in a Clinical Isolate of *Enterococcus avium*. *International Journal of Antimicrobial Agents*. 53(6):876-877, **2019**.
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33. Francesco Luzzaro, Mathieu Clément, Luigi Principe, Valentina Viaggi, Odette J. Bernasconi, and **Andrea Endimiani**. Characterization of the First Extended-Spectrum β -Lactamase (ESBL)-Producing *Shigella sonnei* Clinical Isolate in Italy. *Journal of Global Antimicrobial Resistance*. 17:58-59, **2019**.
34. Aurelie Allemann, Julia Kraemer, Insa Korten, Kathryn Ramsey, Carmen Casaulta, Alban Ramette, **Andrea Endimiani**, Philipp Latzin, Markus Hilty. Nasal resistome development in infants with cystic fibrosis in the first year of life. *Frontiers in Microbiology - Antimicrobials, Resistance and Chemotherapy*. Feb 26; 10:212, **2019**.
35. Michael Brillhante, Valentina Donà, **Andrea Endimiani**, and Vincent Perreten. Characterization of a porcine *Escherichia coli* strain from Switzerland carrying *mcr-1* on a conjugative multidrug resistance IncHI2 plasmid. *Journal of Global Antimicrobial Resistance*. 16:123-124, **2019**.
36. João Pires, Julia G. Kraemer, Esther Kuenzli, Sara Kasraian, Regula Tinguely, Christoph Hatz, **Andrea Endimiani***, and Markus Hilty*. Gut Microbiota Dynamics in Travelers Returning from India Colonized with Extended-Spectrum Cephalosporin-Resistant *Enterobacteriaceae*: a Longitudinal Study. *Travel Medicine and Infectious Disease*. 27:72-80, **2019**.

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37. Daniel Golparian, Valentina Donà, Leonor Sánchez-Busó, Sunniva Foerster, Simon Harris, **Andrea Endimiani**, Nicola Low, and Magnus Unemo. Antimicrobial resistance prediction and phylogenetic analysis of *Neisseria gonorrhoeae* isolates using the Oxford Nanopore MinION sequencer. *Scientific Reports*. 8(1):17596, **2018**.
38. Mirjam Kummer, Nela Šestáková, Regula Theurillat, Uyen Huynh-Do, **Andrea Endimiani**, Parham Sendi, Wolfgang Thormann. Monitoring of cefepime in urine by micellar electrokinetic capillary chromatography and liquid chromatography coupled to mass spectrometry. *Journal of Separation Science*. 41(21):4067-4074, **2018**.
39. Luigi Principe, Valentina Viaggi, Mathieu Clément, Elisa Meroni, Beatrice Pini, **Andrea Endimiani**, Francesco Luzzaro. Emergence of CTX-M-1-producing *Salmonella enterica* serovar Napoli: a novel “enzyme-pathogen association” in the Italian ESBL endemic context. *Journal of Global Antimicrobial Resistance*. 15:101-102, **2018**.
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43. Odette J. Bernasconi, Valentina Donà, Regula Tinguely, and **Andrea Endimiani**. *In Vitro* Activity of Three Commercial Bacteriophage Cocktails against *Salmonella* and *Shigella* spp. Isolates of Human Origin. *Pathogens and Immunity*. 3(1):72-81, **2018**.
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55. João Pires, Odette J. Bernasconi, Christoph Hauser, Regula Tinguely, Andrew Atkinson, Vincent Perreten, Valentina Donà, Andri Rauch, Hansjakob Furrer, and **Andrea Endimiani**. Intestinal Colonization with Extended-

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134. Muzahed, Yohei Doi, Jennifer M. Adams-Haduch, **Andrea Endimiani**, Hanna E. Sidjabat, Subhaschandra M.Gaddad, David L. Paterson. High-Prevalence of CTX-M-15-Producing *Klebsiella pneumoniae* among Inpatients and Outpatients with Urinary Tract Infection in Southern India. *Journal of Antimicrobial Chemotherapy*. 61(6): 1393-4, **2008**.

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135. Alessandro Dario, **Andrea Endimiani**, Antonio Toniolo, Anna Iadini, Simone Sangiorgi, Carlo Scamoni, Giustino Tomei. Intrathecal baclofen does not inhibit the growth of different bacterial species and *Candida albicans*. *Surgical Neurology*, 68, 168-171, **2007**.
136. **Endimiani A**, Luzzaro F, Migliavacca R, Manutengoli E, Hujer AM, Hujer KM, Pagani L, Bonomo RA, Rossolini GM, Toniolo A. Spread in an Italian Hospital of a Clonal *Acinetobacter baumannii* Strain Producing the TEM-92 Extended-Spectrum β -Lactamase. *Antimicrobial Agents and Chemotherapy*, 51 (6), 2211-2214, **2007**. [F1000 Evaluation].

2006

137. Antonio Toniolo, **Andrea Endimiani**, Francesco Luzzaro. Microbiology of postoperative infections. *Surgical Infections*, 7 (Suppl2), S13-16, **2006**.

138. Francesco Luzzaro, Giovanni Gesu, **Andrea Endimiani**, Giuseppe Ortisi, Sergio Malandrini, Laura Pagani, and Gian Maria Rossolini. Performance in detection and reporting β -Lactam resistance phenotypes in *Enterobacteriaceae*: a proficiency study in Italian laboratories. *Diagnostic Microbiology and Infectious Diseases*, 55, 311-318, **2006**.
139. **Andrea Endimiani**, Francesco Luzzaro, Beatrice Pini, Gianfranco Amicosante, Gian Maria Rossolini, and Antonio Q. Toniolo. *Pseudomonas aeruginosa* bloodstream infections: risk factors and treatment outcome related to the expression of the PER-1 extended-spectrum beta-lactamase. *BMC Infectious Diseases*, 6, 52, **2006**.

2005

140. **Andrea Endimiani**, Gioconda Brigante, Alessia A. Bettaccini, Francesco Luzzaro, Paolo Grossi, and Antonio Q. Toniolo. Failure of levofloxacin treatment in community-acquired pneumococcal pneumonia. *BMC Infectious Diseases*, 5, 106, **2005**.
141. **Andrea Endimiani**, Francesco Luzzaro, Gioconda Brigante, Mariagrazia Perilli, Gianluigi Lombardi, Gianfranco Amicosante, Gian Maria Rossolini, and Antonio Toniolo. *Proteus mirabilis* bloodstream infections: risk factors and treatment outcome related to the expression of extended-spectrum β -lactamases. *Antimicrobial Agents and Chemotherapy*, 49, 2598-2605, **2005**.

2004

142. Francesco Luzzaro, **Andrea Endimiani**, Jean-Denis Docquier, Claudia Mugnaioli, Mattia Bonsignori, Gianfranco Amicosante, Gian Maria Rossolini, and Antonio Toniolo. Prevalence and characterization of metallo- β -lactamases in clinical isolates of *Pseudomonas aeruginosa*. *Diagnostic Microbiology and Infectious Diseases*, 48, 131-135, **2004**.
143. Francesco Luzzaro, Jean-Denis Docquier, Céline Colinon, **Andrea Endimiani**, Gianfranco Amicosante, Gian Maria Rossolini, and Antonio Toniolo. Emergence in *Klebsiella pneumoniae* and *Enterobacter cloacae* clinical isolates of the VIM-4 metallo- β -lactamase encoded by a conjugative plasmid. *Antimicrobial Agents and Chemotherapy*, 48, 648-650, **2004**.
144. **Andrea Endimiani**, Francesco Luzzaro, Mariagrazia Perilli, Gianluigi Lombardi, Alessandra Coli, Antonio Tamborini, Gianfranco Amicosante, and Antonio Toniolo. Bacteremia due to a clonal strain of *Klebsiella pneumoniae* producing the TEM-52 extended-spectrum β -lactamase: treatment outcome of patients receiving either imipenem or ciprofloxacin. *Clinical Infectious Diseases*, 38, 243-251, **2004**.

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145. **Andrea Endimiani**, Antonio Tamborini, Francesco Luzzaro, Gianluigi Lombardi, and Antonio Toniolo. A two-year analysis of risk factors and outcome in patients with bloodstream infection. *Japanese Journal of Infectious Diseases*, 56, 1-7, **2003**.
146. Jean-Denis Docquier, Maria Letizia Riccio, Claudia Mugnaioli, Francesco Luzzaro, **Andrea Endimiani**, Antonio Toniolo, Gianfranco Amicosante, and Gian Maria Rossolini. IMP-12, a new plasmid-encoded metallo- β -lactamase of the IMP-type from a *Pseudomonas putida* clinical isolates. *Antimicrobial Agents and Chemotherapy*, 47, 1522-1528, **2003**.

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147. **Endimiani A.**, Luzzaro F., Tamborini A., Lombardi G., Elia, V., Belloni, R., and Toniolo A. Identification and antimicrobial susceptibility testing of clinical isolates of nonfermenting gram-negative bacteria by PhoenixTM Automated Microbiology System. *New Microbiologica*, 25, 323-329, **2002**.
148. **Endimiani A.**, Tamborini A., Luzzaro F., Lombardi, G., and Toniolo, A. Epidemiology of bloodstream infections and time to detection of positive blood cultures: an evaluation of the automated Bact/Alert and BACTEC 9240 systems. *New Microbiologica*, 25, 9-16, **2002**.

REVIEWS (n=14; of which 5 as first and 2 as last author, overall 7=50%)

1. **Andrea Endimiani**, Alban Ramette, Daniel D. Rhoads, and Michael R. Jacobs. The evolving role of the clinical microbiology laboratory in identifying resistance in Gram-negative bacteria. *Infectious Disease Clinics of North America*. Dec;34(4):659-676, **2020**.
2. J.H. van der Kolk, **A. Endimiani**, C. Graubner, V. Gerber, V. Perreten. *Acinetobacter* in Veterinary Medicine with emphasis on *A. baumannii*. *Journal of Global Antimicrobial Resistance*. 16: 59-71, **2019**.

3. Gabriel Levy Hara, Souha Kanj, Leonardo Pagani, Lilian Abbo, **Andrea Endimiani**, Heiman FL Wertheim, Carlos F. Amábile-Cuevas, Pierre Tattevin, Shaheen Mehtar, Fernando Lopes Cardoso, Serhat Unal, Ian Gould. Ten key points for the appropriate use of antibiotics in hospitalised patients: A consensus from the Antimicrobial Stewardship and Resistance Working Groups, International Society of Chemotherapy. *International Journal of Antimicrobial Agents*. Sep; 48(3): 239-46, **2016**.
4. **Andrea Endimiani** and Michael R. Jacobs. The Changing Role of the Clinical Microbiology Laboratory in Defining Resistance in Gram-negatives. *Infectious Disease Clinics of North America*. June: 30(2): 323–345, **2016**.
5. Roberto Viau, Karen M. Frank, Michael R. Jacobs, Brigid Wilson, Keith Kaye, Curtis J. Donskey, Federico Perez, **Andrea Endimiani**, and Robert A. Bonomo. Intestinal Carriage of Carbapenemase-Producing Organisms: Current Status of Surveillance Methods. *Clinical Microbiology Reviews*. Jan;29(1):1-27, **2016**.
6. Levy Hara Gabriel, Gould Ian, **Endimiani Andrea**, Ramón Pardo Pilar, Daikos George, Po-Ren Hsueh, Mehtar Shaheen, Petrikos George, Casellas José María, Daciuk Lucía, Paciel Daniela, Novelli Andrea, Saginur Raphael, Pryluka Daniel, Medina Julio, Savio Eduardo. Detection, treatment and prevention of Carbapenemase-Producing *Enterobacteriaceae*. An International Consensus. *Journal of Chemotherapy*. 25(3):129-40, **2013**.
7. Agnese Lupo, Krisztina M. Papp-Wallace, Parham Sendi, Robert A. Bonomo, and **Andrea Endimiani**. Non-Phenotypic Tests to Detect and Characterize Antibiotic Resistance Mechanisms in *Enterobacteriaceae*. *Diagnostic Microbiology and Infectious Diseases*. 77(3):179-94, **2013**.
8. Salome Seiffert, Markus Hilty, Vincent Perreten, and **Andrea Endimiani**. Extended-spectrum cephalosporins resistant Gram-negative organisms in livestock: an emerging problem for human health? *Drug Resistance Updates*. Feb-Apr;16(1-2):22-45, **2013** [Highly Cited Research, Top 5 papers in DRU for 2014 and 2015].
9. Papp-Wallace KM, **Endimiani A**, Taracila MA, Bonomo RA. Carbapenems: past, present, and future. *Antimicrobial Agents and Chemotherapy*. 55(11):4943-60, **2011**.
10. **Andrea Endimiani**, Kristine M. Hujer, Andrea M. Hujer, Sebastian Kurz, Michael R. Jacobs, David S. Perlin and Robert A. Bonomo. Are We Ready for Novel Detection Methods for Difficult to Treat Bacterial Respiratory Pathogens? *Clinical Infectious Diseases*, 52(Suppl 4): S373, **2011**.
11. G. Patel, **A. Endimiani**, R. A. Bonomo. *Klebsiella pneumoniae* carbapenemases: epidemiology, clinical microbiology, and available antibiotics. *Ned Tijdschr Med Microbiol*, 17:nr2, **2009**.
12. **Andrea Endimiani**, Federico Perez, Robert A. Bonomo. Cefepime: a reappraisal in an era of increasing antimicrobial resistance. *Expert Review in Anti-Infective Therapy*, 6 (6):805-24, **2008**.
13. Federico Perez, **Andrea Endimiani**, Kristine M. Hujer, Robert A. Bonomo. The continuing challenge of ESBLs. *Current Opinions in Pharmacology*, 7 (5): 459-469, **2007**. [F1000 Evaluation].
14. **Endimiani A** and Paterson DL. Clinical Impact and Treatment of Infections Caused by *Enterobacteriaceae* Producing Extended-Spectrum β -Lactamases (ESBLs). *Seminars in Respiratory and Critical Care Medicine*, 28 (6): 646-655, **2007**.

EDITORIALS (n=2; of which 1 as first author, overall 1=50%)

1. **Andrea Endimiani** and Robert A. Bonomo. ESBLs: an emerging problem in pediatric infectious diseases. *Journal of Pediatric Infectious Diseases*. 3 (4), **2008**.
2. Federico Perez, **Andrea Endimiani**, Robert A. Bonomo. Why are we afraid of *Acinetobacter baumannii*? *Expert Review in Anti-Infective Therapy*, 6 (3): 269-71, **2008**.

ARTICLES IN OTHER LANGUAGES (Peer-reviewed and in Italian):

1. G. Brigante, **A. Endimiani**, F. Luzzaro, A. Toniolo. Cocchi Gram-positivi, catalasi-negativi non appartenenti ai generi *Streptococcus* e *Enterococcus*: classificazione, identificazione e importanza clinica. [Gram-positive cocci, catalase-negative not included in the genera *Streptococcus* and *Enterococcus*: classification, identification and clinical relevance]. *Giornale Italiano di Microbiologia Medica Odontoiatrica e Clinica* (GIMMOC) Vol IX N° 3, pag. 155-171, **2005**.

ON-LINE COMMENTS TO PUBLISHED PAPERS

1. **Feb 4, 2020**. Comment on "Successful Treatment of Acute Prostatitis Caused by Multidrug-Resistant *Escherichia coli* With Tigecycline Monotherapy", *Open Forum Infect Dis*. 9;7(1):ofz551, 2020. See: <https://academic.oup.com/ofid/article/7/1/ofz551/5698484>

LECTURES (own presentations)

International Meetings (n=12)

1. **Endimiani A.** "*MDROs: molecular diagnostic tools*". Symposium Antibiotic Resistance **StAR**. Bern, 22 November, **2019**.
2. **Endimiani A.** "*Carbapenem-resistant Enterobacteriaceae in the community*". 7° Congresso **AMIT** Internazionale. Argomenti di Malattie Infettive e Tropicali. Federazione delle Associazioni Scientifiche e Tecniche, Milano, Italy. 14-15 March **2019**.
3. **Endimiani A.** "*Epidemiology of Carbapenemases: Where Are We? - Carbapenemase Producers: Epidemiology in Travelers and Community-Associated Infections*". **ASM Microbe**. Atlanta, 7-11 June, **2018**.
4. **Endimiani A.** "*Resistance to carbapenems: mechanisms and detection methods*". XXIII Congreso Latinoamericano de Bioquímica Clínica – XI Congreso Uruguayo de Bioquímica Clínica (**COLABIOCLI**). Punta del Este, Uruguay, 17-20 September **2017**.
5. **Endimiani A.** "*Resistance to polymyxins: genetic bases, epidemiology, and detection issues*". XXIII Congreso Latinoamericano de Bioquímica Clínica – XI Congreso Uruguayo de Bioquímica Clínica (**COLABIOCLI**). Punta del Este, Uruguay, 17-20 September **2017**.
6. **Endimiani A.** "*Direct reporting of resistance mechanisms*". 27th European Congress of Clinical Microbiology and Infectious Diseases (**ECCMID**), Vienna 22-25 April **2017**.
7. **Endimiani Andrea.** "*The Rising Problem of Multidrug-Resistant (MDR) Bacteria in Humans and Non-Humans Settings*". *Combating Antibiotic Resistance: Novel Antibacterial Strategies*. **Hans Sigrist Symposium**. Bern – Friday, December 4th, **2015**.
8. **Endimiani A.** "*Surrounded by the enemy? The environment and foodstuffs as sources or reservoirs of antimicrobial resistance threats: Pets and Wild Animals*". 55th Interscience Conference on Antimicrobial Agents and Chemotherapy (**ICAAC**) – San Diego, CA - September 17-21, **2015**.
9. **Endimiani A.** "*The Pandemic Resistance to Carbapenems*". 28th International Congress of Chemotherapy and Infection (**ICC**) – Yokohama (Japan) – June 5-8, **2013**.
10. **Endimiani A.** "*Molecular Detection and Characterization of Resistance Mechanisms in Enterobacteriaceae*". 52nd Interscience Conference on Antimicrobial Agents and Chemotherapy (**ICAAC**) – San Francisco, CA - September 9-12, **2012**.
11. **Endimiani A.** "*Antibiotic-resistant Gram-negative organisms of animal origin: an emerging problem for human health*". Lecture for Young Investigator Award - 22nd European Congress of Clinical Microbiology and Infectious Diseases (**ECCMID**), London 31 March – 3 April, **2012**.
12. **Endimiani A.** "*The Challenging molecular epidemiology of bla_{KPC}*". 50th Interscience Conference on Antimicrobial Agents and Chemotherapy (**ICAAC**) – Boston, MA – September 11-15, **2010**.

Italian and Swiss Meetings (n=9)

1. **Endimiani Andrea.** "*Control points to reduce spread of antibiotic resistance: a One-Health approach*". Annual Congress Swiss Society for Microbiology (**SSM**). SwissTech Convention Center, EPFL; Lausanne, Aug 30 – Sept 1, **2022**.
2. **Endimiani Andrea.** "*Carbapenemase-producing Enterobacteriaceae in humans*" - One Health meets Whole genome sequencing (**NRP72**, Antimicrobial Resistance). KKL Luzern, 21 May, **2019**.
3. **Endimiani Andrea.** "*How to quickly identify sources and distribution pathways of resistance*". **NRP72**, Antimicrobial Resistance – Program Meeting. Olympic Museum, Lausanne, 27-28 March, **2019**.
4. **Endimiani Andrea.** "*Emerging clinical needs not covered with the current automation*". Symposium for Infectious Diseases: How to stay ahead in the race against resistant pathogens (**Becton-Dickinson**). Bern, Bellevue Hotel, November 22nd, **2017**.
5. **Endimiani Andrea.** "*The Role of gastrointestinal Tract as Source of Antibiotic Resistant Bacteria*". Darm mit Charme - Symposium für die Infektionsdiagnostik (**Becton-Dickinson**). Zurich – Wednesday, November 2nd, **2016**.
6. **Endimiani Andrea.** "*Antibiotic Resistance Spillover from Animals to Humans – Fears and Facts*". 37th Annual Infectious Diseases Symposium (Swiss Society of Infectious Diseases, **SSI**). Luzern, March 12th, **2015**.

7. **Endimiani A.** “*Characterization of N. gonorrhoeae isolates detected in Switzerland: emergence of multidrug-resistant clones less susceptible to cephalosporins*”. “Réunion informelle”, Donnerstag, Bern Hotel Ador, Geschlechtskrankheiten 2. Teil. 2. Oktober **2014**.
8. **Andrea Endimiani.** “*Epidemiologia delle resistenze nei patogeni gram-negativi*”. Congresso Nazionale Società Italiana di Microbiologia (**SIM**), Genova, 15-18 Ottobre **2006**.
9. **Andrea Endimiani.** Identificazione e Antibiogramma degli Stafilococchi. “*Integrazione tra Clinico e Microbiologo nella Diagnosi e Sorveglianza delle Infezioni*”. Convegno Nazionale **AMCLI-SIMMOC**. Induno Olona (Varese), 30-31 Maggio **2005**.

ORAL PRESENTATIONS

Presenting author is underlined

International Meetings (n=25; of which 5 as first and 10 as last author, overall 15=60.0%).

2019

1. Valentina Dazio, Aurélien Nigg, Janne Sophie Schmidt, Michael Brillhante, Mathieu Clément, Alexandra Collaud, Stefanie Gobeli Brawand, Barbara Willi, **Andrea Endimiani**, Vincent Perreten and Simone Schuller. *Prevalence, acquisition and persistence of rectal and naso-/oropharyngeal carriage of multidrug-resistant organisms in dogs and cats presented to veterinary practices and their owners*. **ECVIM-CA**, 29th Annual Congress – Milan, 19-21 September, **2019**.
2. Thomas Büdel, Esther Kuenzli, Mathieu Clément, Odette J. Bernasconi, Jan Fehr, Ali Haji Mohammed, Nadir Khatib Hassan, Jakob Zinsstag, Christoph Hatz, and Andrea Endimiani. *Extended-Spectrum Cephalosporin- and Colistin-Resistant E. coli in Tanzania: High Prevalence of Gut Colonization in Healthy People and Chicken Meat Contamination*. **ASM-Microbe** (ICAAC/ASM) – San Francisco, 20-24 June, **2019**.
3. Thomas Büdel, Esther Kuenzli, Mathieu Clément, Odette J. Bernasconi, Jan Fehr, Ali Haji Mohammed, Nadir Khatib Hassan, Jakob Zinsstag, Christoph Hatz, and Andrea Endimiani. *High prevalence of gut colonization with extended-spectrum cephalosporin- and colistin-resistant Enterobacteriaceae in healthy people in Zanzibar, Tanzania*. 29th European Congress of Clinical Microbiology and Infectious Diseases (**ECCMID**), Amsterdam 13-16 April **2019**.
4. Valentina Viaggi, Luigi Principe, Elisa Meroni, Odette J. Bernasconi, Silvia Tonolo, Beatrice Pini, **Andrea Endimiani**, Francesco Luzzaro. *Emergence of Haemophilus parainfluenzae resistant to third-generation cephalosporins in Italy*. 7^o Congresso **AMIT** Internazionale. Argomenti di Malattie Infettive e Tropicali. Federazione delle Associazioni Scientifiche e Tecniche, Milano, Italy. 14-15 Marzo **2019**.

2017

5. Low N, Bertisch B, Hauser C, Kluschke M, Kasraian S, Egli-Gany D, Smid J, Unemo M, **Endimiani A**, Donà V, Furrer H. *Factors associated with antimicrobial resistant gonorrhoeae infections in men who have sex with men: case-control study*. STI & HIV World Congress – Rio de Janeiro, July 9-12, **2017**.
6. Valentina Donà, Odette J. Bernasconi, Vincent Perreten, and **Andrea Endimiani**. *Heterogeneous location of the mcr-1 gene in colistin-resistant Escherichia coli strains from humans and chicken meat*. 27th European Congress of Clinical Microbiology and Infectious Diseases (**ECCMID**), Vienna 22-25 April **2017**.

2016

7. Collineau L., Pedro Carmo L., **Endimiani A.**, Magouras I., Müntener C., Schüpbach-Regula G., Stärk K.D.C. *Ranking of antimicrobial resistant hazards based on their risk for the Swiss consumers*. European College of Veterinary Public Health (**ECVPH**) **AGM & Annual Scientific Conference** – Uppsala, Sweden, 26-28 September, **2016**.
8. Odette Bernasconi, Esther Kuenzli, João Pires, Sara Kasraian, Alessandra Carattoli, Christoph Hatz, Vincent Perreten, and Andrea Endimiani. *Travelers Can Import E. coli Possessing the Plasmid-Mediated Colistin Resistance mcr-1 Gene from the Indian Subcontinent*. **ASM-Microbe** (ICAAC/ASM) – Boston, 16-20 June, **2016**.
9. João Pires, Regula Tinguely, Sara Kasraian, Christoph Hauser, Markus Hilty, Vincent Perreten, **Andrea Endimiani**. *Intestinal Colonization with Extended-Spectrum Cephalosporin-Resistant Enterobacteriaceae in Healthy Swiss Pets: Prevalence and Risk Factors*. 26th European Congress of Clinical Microbiology and Infectious Diseases (**ECCMID**), Amsterdam, Netherlands, 9-12 April **2016**.

2015

10. João Pires, Sara Kasraian, Esther Kuenzli, Cornelia Staehelin, Hansjakob Furrer, Christoph Hatz, Andri Rauch, Vincent Perreten, Markus Hilty and **Andrea Endimiani**. *Prevalence and risk factors for being colonized with extended-spectrum cephalosporin-resistant (ESC-R) Enterobacteriaceae (Ent) in different populations in Switzerland*. 55th Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC) – San Diego, CA - September 17-21, **2015**.
11. Feudi C., Fortini D., Villa L., Pires J., Mammina C., Bonura C., **Endimiani A.** and Carattoli A. *Klebsiella pneumoniae ST307, carrying bla_{KPC-3}, bla_{CTX-M-15}, aac(6')-Ib-cr and qnrB genes is replacing the predominant ST258 clone in Italy*. 55th Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC) – San Diego, CA - September 17-21, **2015**.
12. Dona V, Low N, Guilarte YN, Lupo A, Furrer H, Unemo M, **Endimiani A.** *Multiplex real-time PCR with high resolution melting analysis for detecting resistance mechanisms in Neisseria gonorrhoeae*. **World STI & HIV Congress**, Brisbane, Australia – 13-16 September, **2015**.
13. J. Pires, E. Kuenzli, S. Kasraian, R. Tinguely, H. Furrer, M. Hilty, C. Hatz, and **A. Endimiani**. *Polyclonal intestinal colonization with ESBL-producing Enterobacteriaceae upon traveling to the Indian subcontinent*. 9th European Congress on Tropical Medicine and International Health (ECTMIH) - Basel, Switzerland, 6-10 September **2015**.
14. Yuvia N. Guilarte, Agnese Lupo, Hansjakob Furrer, Magnus Unemo, Nicola Low, and **Andrea Endimiani**. *Real-Time PCR with High Resolution Melting Analysis for Rapid Detection of Resistance Determinants in Neisseria gonorrhoeae*. 25th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), Copenhagen, 25-28 April **2015**.

2014

15. F. Perez, S. D. Rudin, E. Cober, S. Richter, R. C. Kalayjian, R. A. Salata, D. Marchaim, K. Kaye, M. R. Jacobs, **A. Endimiani**, R. A. Bonomo, D. van Duin. *Temporal trends among ST258 Klebsiella pneumoniae strains harboring bla_{KPC} (KPC-Kp) in the Great Lakes region: insights from molecular surveillance*. 54th Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC) – Washington, DC - September 5-9, **2014**.

2010

16. M.A. Taracila, **A. Endimiani**, C.R. Bethel, Y. Doi, M.G.P. Page, and R.A. Bonomo. *CMY-33, a novel extended spectrum β -lactamase (ESBL) of the CMY-2 family*. 50th Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC) – Boston, MA – September 11-15, **2010**.
17. **A. Endimiani**, K. M. Hujer, A. M. Hujer, S. Bajaksouszian, E. C. Dasenbrook, M. W. Konstant, M. R. Jacobs, R. A. Bonomo. *Molecular Characterization of Staphylococcus aureus Isolates from Cystic Fibrosis Patients*. 50th Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC) – Boston, MA – September 11-15, **2010**.

2009

18. M. Nukaga, N. Ohuki, C. R. Bethel, A. Distler, M. J. Skalweit, **A. Endimiani**, R. A. Bonomo. *Studies on the Inactivation of Class C β -Lactamases by Carbapenems: Doripenem and P99 Cephalosporinases*. 49th Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC) – San Francisco, CA – September 11-15, **2009**.

2008

19. **A. Endimiani**, Y. Doi, C. R. Bethel, M. Taracila, A. M. Hujer, J. M. Adams-Haduch, A. O'Keefe, K. Yamane, M. S. Helfand, D. L. Paterson, and R. A. Bonomo. *Characterization of a Novel AmpC β -Lactamase (CMY-32) and its Comparison with CMY-2*. Abstract: 48th Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC)/46th IDSA – Washington DC – October 25-28, **2008**.
20. **A. Endimiani**, F. Perez, A.M. Hujer, R.A. Freedman, A.E. Casiano-Colón, F.C. Tenover, R.A. Bonomo. *Emergence of bla_{KPC}-containing Klebsiella pneumoniae Isolates in a Long-Term Acute Care Facility (LTACF) in South Florida*. Abstract: 48th Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC)/46th IDSA – Washington DC – October 25-28, **2008**.
21. **A. Endimiani**, K.M. Hujer, L.L. Carias, F. Perez, A.M. Hujer, Rachel E. Hunt, R.A. Hutton, Susan Rudin, F.C. Tenover, L.B. Rice, R.A. Bonomo. *Emergence of plasmid-mediated quinolone resistance in bla_{KPC}-containing Klebsiella pneumoniae in the United States*. β -Lactamases Meeting, Greece, May 31st-June 3rd, **2008**.

2006

22. **A. Endimiani**, B. Pini, F. Luzzaro, G. Amicosante, G.M. Rossolini, A. Toniolo. *Risk factors and treatment outcome of bloodstream infections caused by Pseudomonas aeruginosa isolates producing the PER-1 extended-spectrum beta-lactamase*. Abstract: 16th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), Nice, 1-4 April **2006**.
23. **S. Gualandris**, **A. Endimiani**, G. Brigante, F. Luzzaro, A. Toniolo. *Recurrent urinary tract infections caused by Escherichia coli*. Abstract: 16th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), Nice, 1-4 April **2006**.
24. **Antonio Toniolo**, **Andrea Endimiani**, Francesco Luzzaro. *Microbiology of postoperative infections. Varese update on surgical infections*. March 30-31 – April 1, **2006**.

2001

25. **Bonsignori M.**, **Endimiani A.**, Tamborini A., Luzzaro F., Toniolo A. *Plasmid-mediated multidrug resistance in an epidemic strain of Klebsiella pneumoniae causing nosocomial infections*. Abstract: Leiden International Medical Students Congress. Leiden, 16-17 March **2001**.

Italian and Swiss Meetings (n=18)

2022

1. Aline I. Moser, Edgar I. Campos-Madueno, Vincent Perreten, **Andrea Endimiani**. *Genome stability during serial sub-culturing in hyperepidemic multidrug-resistant Klebsiella pneumoniae and Escherichia coli*. Annual Congress Swiss Society for Microbiology (SSM). SwissTech Convention Center, EPFL; Lausanne, Aug 30 – Sept 1, **2022**.

2020

2. **Andrea Endimiani**, Aurélien Nigg, Michael Brilhante, Odette J. Bernasconi, Sophie Schmidt, Valentina Dazio, Alexandra Collaud, Stefanie Gobeli Brawand, Stefan P. Kuster, Simone Schuller, Barbara Willi, and Vincent Perreten. *Spread of carbapenemase-producing E. coli among hospitalized pets: impact for the employees of veterinary clinics*. **NRP72** Antimicrobial Resistance – Program Meeting 2020. Thun, 24-25 March, **2020** [meeting cancelled for Covid-19 – only on-line presentations].
3. **Michael Brilhante**, **Andrea Endimiani**, Simone Schuller, Stefanie Gobeli Brawand, Vincent Perreten. *Whole-genome sequencing of OXA-48-producing Klebsiella pneumoniae causing nosocomial infections in pets in Switzerland*. **NRP72** Antimicrobial Resistance – Program Meeting 2020. Thun, 24-25 March, **2020** [meeting cancelled for Covid-19 – only on-line presentations].

2019

4. **Michael Brilhante**, Aurélien Nigg, Sonja Kittl, Helene Rohrbach, Valentina Dazio, Simone Schuller, Mathieu Clément, **Andrea Endimiani**, Stefanie Gobeli-Brawand, Sophie Schmidt, Barbara Willi, and Vincent Perreten. *Whole genome sequencing of high-risk clones of OXA-48-producing Klebsiella pneumoniae from the veterinary setting in Switzerland*. 77th Annual Meeting of Swiss Society of Microbiology (SSM) – Zurich, 3-4 September, **2019**.

2018

5. Mathieu Clement, Thomas Büdel, Odette J. Bernasconi, Luigi Principe, Vincent Perreten, Francesco Luzzaro, **Andrea Endimiani**. *Evaluation of EDTA- and DPA-based tests for detecting Mcr producers*. 76th Annual Meeting of Swiss Society of Microbiology (SSM) – Lausanne, 28-30 August, **2018**.
6. **A. Endimiani**. *Evaluation of EDTA- and Dipicolinic Acid-Based Phenotypic Tests for the Detection of MCR-Mediated Colistin-Resistance in Enterobacteriaceae*. HoPa Symposium (VetSuisse) - Haus der Universität, Bern, May 4th, **2018**.
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ABSTRACTS/POSTERS

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1. Javier Fernandez, Adrian Egli, Helena Seth-Smith, **Andrea Endimiani**, Vincent Perreten. Novel multi-resistant IncC plasmid carrying *bla_{OXA-181}* identified in two different *E. coli* strains isolated from the same human patient. 32nd European Congress of Clinical Microbiology and Infectious Diseases (**ECCMID**), Lisbon 23-26 April, **2022**.

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2. Aline I. Moser, Esther Kuenzli, Edgar I. Campos-Madueno, Thomas Büdel, Sayaphet Rattanavong, Manivanh Vongsouvath, Christoph Hatz, and **Andrea Endimiani**. Multidrug-resistant *Escherichia coli* strains from people, poultry and chicken meat in Laos: comparison with those isolated from the gut of travellers visiting the country. 31st European Congress of Clinical Microbiology and Infectious Diseases (**ECCMID**), Vienna 9-12, July **2021** [online meeting due to Covid-19].
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2. Nüesch-Inderbilen, Stephanie Bleichenbacher, Marc J.A. Stevens, Katrin Zurfluh, Vincent Perreten, **Andrea Endimiani**, Roger Stephan. Environmental dissemination of carbapenemase-producing Enterobacteriaceae in rivers in Switzerland. Swiss Public Health Conference (**SPHC**). Bern (Kursaal) 13-14 Sept, **2022**.

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3. **Andrea Endimiani**, Aurélien Nigg, Michael Brilhante, Odette J. Bernasconi, Sophie Schmidt, Valentina Dazio, Alexandra Collaud, Stefanie Gobeli Brawand, Stefan P. Kuster, Simone Schuller, Barbara Willi, and Vincent Perreten. *Spread of carbapenemase-producing E. coli among hospitalized pets: impact for the employees of veterinary clinics*. **NRP72** Antimicrobial Resistance – Program Meeting 2020. Thun, 24-25 March, **2020** [meeting cancelled for Covid-19 – only on-line presentations].
4. Michael Brilhante, **Andrea Endimiani**, Simone Schuller, Stefanie Gobeli Brawand, Vincent Perreten. *Whole-genome sequencing of OXA-48-producing Klebsiella pneumoniae causing nosocomial infections in pets in Switzerland*. **NRP72** Antimicrobial Resistance – Program Meeting 2020. Thun, 24-25 March, **2020** [meeting cancelled for Covid-19 – only on-line presentations].

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BOOKS/CHAPTERS

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 - Chapter (p. 659-676): The evolving role of the clinical microbiology laboratory in identifying resistance in Gram-negative bacteria
2. *Kucer's Use of Antibiotics*. 7th Edition, **2018**. Editor-in-Chief: M. Lindsay Grayson. Published by Hodder Arnold, an imprint of Hodder Educational, a Hachette UK Company, 338 Euston Road. London NW1 3BHT. Phone: +44 (0) 20 7873 6258; Fax: +44 (0) 20 7873 6325. Printed and bound in India by Replica Press Pvt Ltd.
 - Chapter 30: Ceftazidime and Ceftazidime/Avibactam
 - Chapters 31: Cefepime, Cefpirome, Cefepime/Tazobactam
3. Andrea Endimiani and Michael R. Jacobs. *Antibiotic Resistance: Challenges and Opportunities*. Edited by Robert A. Bonomo, Richard R. Watkins. *Infectious Disease Clinics of North America*. Elsevier, Philadelphia, PA. ISSN: 0891-5520; ISBN-13: 978-0-323-44618-1. *Infectious Disease Clinics of North America*. June: 30(2): 323–345, **2016**.
 - Chapter: The Changing Role of the Clinical Microbiology Laboratory in Defining Resistance in Gram-negatives
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 - Chapter 33: Ceftazidime
 - Chapter 34: Cefpirome
 - Chapter 35: Cefepime

OFFICIAL REPORTS

1. Vincent Perreten, Patrice Nordmann, Adrian Egli, **Andrea Endimiani**. Whole-genome sequence-based pilot study for One-Health surveillance of carbapenemase-producing Enterobacterales in animals and humans. **ANRESIS, Report for 2021**.
2. Edgar I. Campos-Madueno, Odette J. Bernasconi, Aline I. Moser, Peter M. Keller, Francesco Luzzaro, Carola Maffioli, Thomas Bodmer, and Andreas Kronenberg, Andrea Endimiani. *Rapid Increase of Extended-Spectrum Cephalosporin-Resistant Shigella sonnei Isolates: Spread of Common Plasmids and International Clones*. **ANRESIS, Report for 2020** [https://www.anresis.ch/wp-content/uploads/2020/11/Swiss-Antibiotic-Resistance-Report-2020_def_WEB.pdf].
3. Esther Kuenzli, **Andrea Endimiani** and Christoph Hatz. *High colonization rates of ESBL-producing E. coli in Swiss Travellers to South Asia*. *Swiss Center for Antibiotic Resistance*, **ANRESIS, Report for 2013**. [<http://www.anresis.ch/index.php/anresisch-data.html>].
4. *Ad-hoc consultation on rapid methods for antimicrobial susceptibility testing at point-of-care in lower- and middle-income countries*. World Health Organization (WHO) - Geneva April 8-9, **2014** [<http://apps.who.int/medicinedocs/en/m/abstract/Js22242en/>].

PATENTS

- *Conjugative vectors selectable by fructooligosaccharides*. European Patent No. 3541942 (29.04.2020). Proprietors: Istituto Superiore di Sanità, Rome, Italy (Prof. Alessandra Carattoli) and University of Bern, Bern, Switzerland (Prof. Andrea Endimiani).

MODERATOR

International Meetings (n=5):

1. Chair: Joachim Frey - Participants: Herman Goossens, Corinne Corradi (FOPH), Michael Schärer (FOEN), Nadine Metzger (FSVO), Helmut Bruggmann, **Andrea Endimiani**. **NRP72**, Antimicrobial Resistance – Program Meeting. Olympic Museum, Lausanne, 27-28 March, **2019**.
2. **Andrea Endimiani** and Robert A. Bonomo. 6° Congresso **AMIT** Internazionale. Argomenti di Malattie Infettive e Tropicali. Palazzo Castiglioni, Milano, Italy. 9-10 March **2017**.
3. **Andrea Endimiani** and Hajo Grundmann (Discussants). 5th ISC MRSA Consensus Conference “MRSA – Unfinished Business”. Leon d'Oro Hotel, Verona, Italy - 2-4 May **2014**.
4. **Endimiani A.** and Stefani S. Global Multi-Factorial Changing in Resistance. 28th International Congress of Chemotherapy and Infection (**ICC**) – Yokohama (Japan) – June 5-8, **2013**.
5. **Endimiani A.** and Doi Y. New β -lactamases. 50th Interscience Conference on Antimicrobial Agents and Chemotherapy (**ICAAC**) – Boston, MA – September 11-15, **2010**.

SPEAKER AT OTHER MEETINGS

Italian and Swiss Meetings (n=2):

1. **Endimiani A.** Corso Teorico-Pratico sulle Emocolture. LabMed, Schweitz, Suisse, Svizzera. Scuola Medico-Tecnica, via Morettina 3, 6600 Locarno, CH, 30 Aprile **2005**.
2. **Endimiani A.** Diagnosi nelle Meningiti. LabMed, Schweitz, Suisse, Svizzera. Sala conferenze Clinica ARS-Medica. Gravesano, CH, 24 Febbraio **2005**.

SEMINARS/LECTURES AT THE UNIVERSITY OF BERN (n=16)

1. **Endimiani A.** “*Detection of Carbapenemase-Producing Enterobacteriales*”. Thursday Curriculum Meeting at the Department of Infectious Diseases, Bern University Hospital (Inselspital) - December 17th, **2020**.
2. **Endimiani A.** “*Carbapenemases in Community and Travelers*”. Institute for Infectious Diseases – University of Bern - June 15th, **2018**.
3. **Endimiani A.** “*The Era of Untreatable Bacterial Infections: A Journey among Superbugs*”. Institute for Infectious Diseases – University of Bern - November 1st, **2017**.
4. **Endimiani A.** “*Intestinal colonization with MDR Gram-negatives in both humans and animals: molecular features and risk factors*”. Veterinary Public Health (VPH) Institute - University of Bern - January 17th, **2017**.
5. **Endimiani A.** “*Update about Microbe 2016 Conference in Boston, USA*”. Thursday Curriculum Meeting at the Department of Infectious Diseases, Bern University Hospital (Inselspital) - June 23rd, **2016**.
6. **Endimiani A.** “*Detection of ESBL, pAmpC, and carbapenemase producers: When and How?*”. Curriculum for Laboratory Technicians; Institute for Infectious Diseases – University of Bern - April 5th, **2016**.
7. **Endimiani A.** “*Aerococcus urinae*”. Curriculum for Laboratory Technicians; Institute for Infectious Diseases – University of Bern. November 15th, **2015**.
8. **Endimiani A.** “*AmpC producers in laboratory and clinical practice*”. Thursday Curriculum Meeting at the Department of Infectious Diseases, Bern University Hospital (Inselspital) - October 8th, **2015**.
9. **Endimiani A.** “*Characterization of N. gonorrhoeae isolates detected in Switzerland: emergence of multidrug-resistant clones less susceptible to cephalosporins*”. Thursday Curriculum Meeting at the Department of Infectious Diseases, Bern University Hospital (Inselspital) - February 5th, **2015**.
10. **Endimiani A.** “*Update about ICAAC 2014 Conference in Washington DC*”. Thursday Curriculum Meeting at the Department of Infectious Diseases, Bern University Hospital (Inselspital) - October 2nd, **2014**.
11. **Endimiani A.** “*Overview of XDR or PDR Enterobacteriaceae and discussion about several clinical cases included in the ISC survey*”. Friday Research Seminar at Institute of Infectious Diseases (IFIK) – 28 February, **2014**.
12. **Endimiani A.** “*Enterobacter cloacae in laboratory and clinical practice*”. Thursday Curriculum Meeting (1 h) at the Department of Infectious Diseases, Bern University Hospital (Inselspital) - 1 November, **2012**.
13. **Endimiani A.** “*Klebsiella Pneumoniae Carbapenemases (KPCs): from the plate to the patient*”. Friday Research Seminar at Institute of Infectious Diseases (IFIK) – 8 June, **2012**.

14. **Endimiani A.** “*Enterobacter cloacae*”. Friday Research Seminar at Institute of Infectious Diseases (IFIK) – 8 November, **2011**.
15. **Endimiani A.** “*Enterobacteriaceae: Detection of ESBL/pAmpCs/MBL*”. Friday Research Seminar (1 h) at Institute of Infectious Diseases (IFIK) – 29 March, **2011**.
16. **Endimiani A.** “*Acinetobacter baumannii Isolates from Pets and Horses: molecular characterization and clinical data*”. Wednesday Research Seminar (1 h) at Institute of Veterinary Bacteriology (IBV) – 9 February, **2011**.

SEMINARS AT OTHER UNIVERSITIES / INSTITUTIONS (n=5)

1. **Endimiani A.** “*Whole Genome and Plasmid Sequencing for MDR Enterobacteriaceae Simultaneously Isolated from Multiple Human and Non-Human Settings: Deciphering Impact, Risks, and Dynamics for Resistance Transmission and Spread*”. **Risch lab**, Liebefeld, Bern. May 31st, **2018**.
2. **Endimiani A.** “*Resistance to polymyxins: genetic bases, epidemiology, and detection issues*”. Ospedale di Circolo e Fondazione Macchi – **University of Insubria, Varese, Italy**. October 4, **2017**.
3. **Endimiani A.** Ad-hoc consultation on rapid methods for antimicrobial susceptibility testing at point-of-care in LMICs: “*Session III: Review new methods and their potential for rapid antimicrobial susceptibility testing in LMICs (a general overview and 3 specific examples) – Microarrays*”. Invited External Expert - **World Health Organization (WHO)** - Geneva April 8-9, **2014**.
4. **Endimiani A.** “*Extended-spectrum β -lactamases: history, epidemiology and strategies for detection*”. **Cantonal Laboratory, Basel** - 6 February, **2012**.
5. **Endimiani A.** “*Klebsiella Pneumoniae Carbapenemase: dalla piastra al paziente*”. **University of Modena, Italy**. 21 June, **2010**.

SCIENTIFIC CONSULTANCIES (n=7)

1. **MSD (Merck Sharp and Dohme AG)** – Advisory Board for Antibiotics [**2019**].
2. **Gilead Sciences Switzerland Sàrl (6-5-2013; HIV/CH/13-07/SA1821)**
3. **Becton Dickinson Italia S.p.A.** “Partecipazione come Relatore al Convegno Nazionale AMCLI-SIMMOC “Integrazione tra Clinico e Microbiologo nella Diagnosi e Sorveglianza delle Infezioni”. Identificazione e antibiogramma degli stafilococchi. Induno Olona, 30-31 Maggio **2005** [Rif. 042/05/PM/pc]
4. **Aventis S.p.A.** “Incidenza di colonizzazione nasale da MRSA nei pazienti afferenti alle Unità di Terapia Intensiva”. Aventis S.p.A. – Via Rossigni 1/A – Lainate, Milano [27 Settembre **2004**].
5. **Wyeth Lederle S.p.A.** “La resistenza ai fluorochinoloni in ambito ospedaliero: valutazione e commenti per una corretta pratica terapeutica” [Ns. Rif. OL 9912; 14 Luglio **1999**].
6. **Becton Dickinson Italia S.p.A.** “Studio microbiologico dei fenotipi di resistenza nei batteri Gram-negativi” (Studio promosso dall’Associazione Microbiologi Clinici Italiani e dal Comitato Nazionale per lo Studio degli Antimicrobici) [Rif. 008/03/PM/pc, 23 Luglio **2003**].
7. **Zambon Italia s.r.l.** “Studio comparativo multicentrico, randomizzato, doppio cieco, controllato vs placebo, a gruppi paralleli, della Fosfomicina Trometamolo nella profilassi antimicrobica delle infezioni ricorrenti del tratto urinario nelle pazienti di sesso femminile” [Protocollo nr 1282LB MC02, 4 Ottobre **2002**].
8. **Becton Dickinson Italia S.p.A.** “Attività di supporto tecnico sul Sistema SCEPTOR per studi di sorveglianza epidemiologica” (Osservatorio Epidemiologico Italiano per il rilevamento delle resistenze ai farmaci antimicrobici nei patogeni batterici delle vie respiratorie: 3° anno di studio) [Prot: nr 121/99- PM/gg; 5 Luglio-5 Novembre **1999**].

CLINICAL TRIALS

[At the Institute for Pharmacokinetic and Analytical Studies (IPAS), Ligornetto, Switzerland – Sponsors are not indicated]:

Phase I pilot studies (n=4)

1. Studio IPAS-NAPRO-426-04. *A pilot, 3-way cross-over, single dose bioequivalence study of Naproxen 220 mg flashtab (administered with and without water) versus Momendol[®] 220 mg tablet in healthy volunteers / fasting state.*
2. Studio IPAS-FLUTAPR-413-04. *A four-way bioavailability study of flutamide administered at the strengths of 250 mg t.i.d. (reference) immediate-release, in healthy volunteers. Pilot study.*
3. Studio IPAS-PARACOD/B-406-03. *A bioequivalence study of the paracetamol (500 mg)/codeine phosphate (30 mg) association contained in three formulations in tablets (test vs reference₂ tablets and reference₁ effervescent sachets) in healthy volunteers.*
4. Studio IPAS-PARACOD/B-407-03. *A bioequivalence study of the paracetamol/codeine phosphate association contained in two formulations in tablets (test vs reference) in healthy volunteers.*

Phase I studies (n=31)

1. Studio IPAS-NITROGLI/F-387-03. *A pivotal study to assess in healthy subjects the bioequivalence of two transdermal nitroglycerin patches.*
2. Studio IPAS-RIBAVIR-395-03. *A single-blind, randomized, crossover, bioequivalence study on ribavirin vs reference Rebetol[®] following an oral dose of 600 mg to healthy volunteers.*
3. Studio IPAS-ATENOLOL-415-04. *Bioequivalence of atenolol 100 mg tablets in comparison to the reference seles beta[®] in healthy volunteers.*
4. Studio IPAS-CITALOPRAM-388-03. *Bioequivalence between Citalopram hydrobromide formulation vs reference Seropram[®] administered orally at the dose of 40 mg to healthy volunteers.*
5. Studio IPAS-HYOSCINE-394-03. *Bioequivalence study of Hyoscine (scopolamine) butylbromide administered by oral route as test and reference (Buscopan[®]) in 10 mg tablets.*
6. Studio IPAS-GENASONEPUL-419-04. *Tolerability of the gentamicin sulfate/betamethasone valerate association cream applied cutaneously in repeated dose regimen to healthy volunteers. A comparative test vs reference study.*
7. Studio-GENMETHASONE-405-03. *Test vs references comparative tolerability study of the gentamicin sulfate/betamethasone valerate association cream applied cutaneously in repeated dose regimen to healthy volunteers.*
8. Studio IPAS-DHECFOUR-425-04. *A comparative bioavailability study of dihydroergocryptine delivered from oral formulations of immediate-release tablets vs sustained-release tablets and capsules.*
9. Studio IPAS-DICLOTOPIC-420-04. *Local tolerability study of a diclofenac foam applied cutaneously in repeated dose regimen in healthy volunteers.*
10. Studio IPAS-ETIADME-400-03. *Evaluation of the absorption, distribution, disposition and biotransformation of radiolabeled etiprednol dicloacetate in healthy male volunteers following a single dose.*
11. Studio IPAS-IBUFOOD800/F4-410-03. *Single dose, four ways, four-sequence, crossover, open, randomized, fasting/non-fasting bioequivalence study following administration of Prolonged Release Ibuprofen 800 mg tablets (Valpharma International, Italy) and Brufen Retard[®] 800 mg tablets (Abbott, United Kingdom) to healthy volunteers.*
12. Studio IPAS-DICLORAL-428-04. *A comparative bioavailability study on two 12.5 mg diclofenac-k oral formulations.*
13. Studio IPAS-ENALAPRIL-416-04. *Bioequivalence study of enalapril maleate test vs reference (Enapren[®]) administered at the single dose of 20 mg in healthy volunteers.*
14. Studio IPAS-ENALAPRIL/5-418-04. *Bioequivalence study of enalapril maleate test vs reference (Enapren[®]) administered at the single dose of 5 mg in healthy volunteers.*
16. Studio IPAS-OCTAVAL-411-03. *Bioavailability of Valpinax[®] (Octatropine methylbromide 40 mg and Diazepam 2.5 mg) administered to healthy volunteers.*

17. Studio IPAS-DIOSMIN-422-04. *Bioequivalence study of diosmin administered at the 450 mg, single dose, in film coated tablet in male and female healthy volunteers.*
18. Studio IPAS-TRIAZO-365-02. *A bioequivalence study in healthy volunteers following single oral administration of two triazolam formulations.*
19. Studio IPAS-CHLORDENT-408-03. *Tolerability study of chlorhexidine gluconate contained in a new toothpaste in comparison to the reference Corsodyl® in healthy volunteers.*
20. Studio-IPAS-FUROSEMIDE-421-04. *Bioequivalence study of a new furosemide formulation vs Lasix® in 500 mg tablets administered in single dose to healthy volunteers.*
21. Studio IPAS-ANTIDIAB/B-391-03. *A bioequivalence study of a metformin hydrochloride (500 mg) / glibenclamide (2.5 mg) fixed combination vs the two individual drugs administered together in healthy volunteers.*
22. Studio IPAS-KETORAL-429-04. *A three-way crossover, double blind comparative, placebo-controlled tolerability study on new nebulised solution of ketoprofen lysine salt (0.16%) vs flurbiprofen in healthy volunteers.*
23. Studio IPAS-INDOTAB-424-04. *Bioequivalence study of two indobufen oral formulations in healthy volunteers.*
24. Studio IPAS-NITROBIS-431-04. *A pivotal study to assess in healthy subject the bioequivalence of two transdermal nitroglycerin patches.*
25. Studio IPAS-METGLIB-427-04. *A bioequivalence study of a metformin (500 mg) / glibenclamide (0.5 mg) fixed combination vs the two individual drugs administered together in healthy volunteers.*
26. Studio IPAS-NEC/15-435-04. *Double-blind, randomized, placebo-controlled, parallel group study to evaluate the safety, tolerability and pharmacokinetics of 8 day-repeated intravenous doses of nepadutant in healthy subjects.*
27. Studio IPAS-INDOBI-437-04. *Bioequivalence study of two indobufen oral formulations in healthy volunteers.*
28. Studio IPAS-AMUTOL-433-04. *Tolerability study of a new formulation of sodium hypochloride 0.05% in comparison to the reference amukine med® solution in healthy volunteers.*
29. Studio IPAS-CICLONAIL-436-04. *Comparative, two-way, intra-subject, parallel study, repeated dose, of the local availability at the site of activity of a 8% ciclopirox nail lacquer (P-3051) compared to a 8% ciclopirox reference lacquer.*
30. Studio IPAS-SERTRAL-4440-04. *Bioequivalence study of two formulations of sertraline hydrochloride (100 mg tablets) following single oral administration to healthy volunteers in fasting conditions.*
31. Studio IPAS-CREMAZOLO-439-04. *Test vs reference comparative tolerability and non-absorption study of the clotrimazole cream applied topically in repeated dose regimen to healthy volunteers.*

Phase II studies (n=1)

1. Studio IPAS-VACCIFLU-432-04. *Evaluation on the efficacy of the co-administration of influenza virus vaccine and recombinant interferon alpha 2B in improving the immuno-response to the vaccination: a pilot, dose-range finding, randomized, open, placebo-controlled, phase II study in over-60 aged individuals.*

PARTICIPATION TO COURSES

International

1. "Good Clinical Practice (GCP-E6(R2) 2016)". TRREE training programme in research ethics evaluation (<https://elearning.trree.org/>) – 10.06.2020.
2. "Informed Consent". TRREE training programme in research ethics evaluation (<https://elearning.trree.org/>) – 08.06.2020.
3. "Research Ethics Evaluation". TRREE training programme in research ethics evaluation (<https://elearning.trree.org/>) – 03.06.2020.
4. "Introduction to Research Ethics". TRREE training programme in research ethics evaluation (<https://elearning.trree.org/>) – 16.04.2020.

Switzerland

1. "Swiss National Supplement". TRREE training programme in research ethics evaluation (<https://elearning.trree.org/>) – 09.06.2020.
2. PBL - Tutorenausbildung, 28 Februar und 1 März 2013 (Bern).

Italy

1. “Pianificazione e controllo di gestione nel laboratorio analisi: dalla misurazione della performance al management strategico”. SIMeL-SteLB (Sezione Regione Piemonte). Arona (NO), 19 Maggio **2006**. [3 Crediti Formativi E.C.M.].
2. “Epidemiologia e Diagnostica della Sepsis”. Varese, Ospedale di Circolo, 9 Novembre **2005**.
3. Mediterranean School: “Programma di formazione in Biostatistica, Epidemiologia, Ricerca Clinica e sui Servizi Sanitari”. Fontane Bianche (Siracusa), 28 Maggio-2 Giugno **2002**. [43 Crediti Formativi E.C.M.].

PARTICIPATION TO CONFERENCES

International Conferences (n=37, of which 11 as invited person)

1. 32nd European Congress of Clinical Microbiology and Infectious Diseases (**ECCMID**), Lisbon 23-26 April **2022**.
2. 31st European Congress of Clinical Microbiology and Infectious Diseases (**ECCMID**), Vienna 9-12 July **2021** [online meeting due to Covid-19].
3. **ASM-Microbe** (ICAAC/ASM) – San Francisco, 20-24 June, **2019**.
4. 29th European Congress of Clinical Microbiology and Infectious Diseases (**ECCMID**), Amsterdam 13-16 April **2019**.
5. **7° Congresso AMIT Internazionale**. Argomenti di Malattie Infettive e Tropicali. Federazione delle Associazioni Scientifiche e Tecniche, Milano, Italy. 14-15 Marzo **2019** [Invited as Moderator].
6. **ASM Microbe** (ICAAC/ASM) – Atlanta, 7-11 June, **2018** [Invited Speaker].
7. 5th World Congress on Targeting Infectious Diseases. Targeting phage and antibiotic resistance. Phage therapy and other innovative ideas. Florence, May 17-18, **2018**.
8. 28th European Congress of Clinical Microbiology and Infectious Diseases (**ECCMID**), Madrid 21-24 April **2018**.
9. XXIII Congreso Latinoamericano de Bioquímica Clínica – XI Congreso Uruguayo de Bioquímica Clínica (**COLABIOCLI**). Punta del Este, Uruguay, 17-20 September **2017** [Invited Speaker].
10. 27th European Congress of Clinical Microbiology and Infectious Diseases (**ECCMID**), Vienna 22-25 April **2017** [Invited Speaker].
11. **6° Congresso AMIT Internazionale**. Argomenti di Malattie Infettive e Tropicali. Palazzo Castiglioni, Milano, Italy. 9-10 Marzo **2017** [Invited as Moderator].
12. **ASM-Microbe** (ICAAC/ASM) – Boston, 16-20 June, **2016**.
13. 26th European Congress of Clinical Microbiology and Infectious Diseases (**ECCMID**), Amsterdam, 9-12 April, **2016**.
14. 55th Interscience Conference on Antimicrobial Agents and Chemotherapy (**ICAAC**) and 29th International Congress of Chemotherapy and Infection (**ICC**) – San Diego, CA - September 17-21, **2015** [Invited Speaker].
15. 25th European Congress of Clinical Microbiology and Infectious Diseases (**ECCMID**), Copenhagen, 24-28 April, **2015**.
16. 54th Interscience Conference on Antimicrobial Agents and Chemotherapy (**ICAAC**) – Washington D.C. - September 6-9, **2014**.
17. 24th European Congress of Clinical Microbiology and Infectious Diseases (**ECCMID**), Barcelona, 10-13 May, **2014**.
18. Fifth **ISC MRSA Consensus Conference** – Verona (Italy), 2-4 May, **2014** [Invited as Moderator].
19. 53rd Interscience Conference on Antimicrobial Agents and Chemotherapy (**ICAAC**) – Denver, CO - September 10-13, **2013**.
20. 28th International Congress of Chemotherapy and Infection (**ICC**) – Yokohama (Japan) – June 5-8, **2013** [Invited Speaker].
21. 23rd European Congress of Clinical Microbiology and Infectious Diseases (**ECCMID**), Berlin 27-30 April, **2013**.
22. 52nd Interscience Conference on Antimicrobial Agents and Chemotherapy (**ICAAC**) – San Francisco, CA – September 9-12, **2012** [Invited Speaker].
23. 22nd European Congress of Clinical Microbiology and Infectious Diseases (**ECCMID**), London 31 March – 3 April, **2012**. [Invited as Recipient of ECCMID Young Investigator Award].

24. 51st Interscience Conference on Antimicrobial Agents and Chemotherapy (**ICAAC**) – Chicago, September 17-20, **2011**. [Invited as Recipient of ICAAC Young Investigator Award].
25. 11th **β-Lactamases Meeting**, Leonessa (Rieti, Italy), June 10-14th, **2011**.
26. 21st European Congress of Clinical Microbiology and Infectious Diseases (**ECCMID**), Milan, 7-10 May, **2011**.
27. 50th Interscience Conference on Antimicrobial Agents and Chemotherapy (**ICAAC**) – Boston, MA – September 12-15, **2010** [Invited Speaker].
28. 20th European Congress of Clinical Microbiology and Infectious Diseases (**ECCMID**), Vienna, 10-13 April **2010**.
29. 49th Interscience Conference on Antimicrobial Agents and Chemotherapy (**ICAAC**) – San Francisco, CA – September 11-15, **2009**.
30. 48th Interscience Conference on Antimicrobial Agents and Chemotherapy (**ICAAC**)/46th **IDSA** – Washington, DC – October 25-28, **2008**.
31. 10th **β-Lactamases Meeting**, Greece, May 31st-June 3rd, **2008**.
32. 47th Interscience Conference on Antimicrobial Agents and Chemotherapy (**ICAAC**) – Chicago, September 16-20, **2007**. [Invited as Recipient of Travel Grant].
33. 16th European Congress of Clinical Microbiology and Infectious Diseases (**ECCMID**), Nice, 01-04 April **2006**. [Invited as Recipient of Travel Grant].
34. 9th **β-Lactamase Meeting**, Leonessa (Rieti, Italy), June 11-15th, **2005**.
35. 15th European Congress of Clinical Microbiology and Infectious Diseases (**ECCMID**), Copenhagen, 02-05 April **2005**.
36. 14th European Congress of Clinical Microbiology and Infectious Diseases (**ECCMID**), Prague, 01-04 May **2004**.
37. 12th European Congress of Clinical Microbiology and Infectious Diseases (**ECCMID**), Milan, 21-24 April **2002**.

Italian and Swiss Conferences (n=30, of which 13 as invited person)

1. Annual Congress Swiss Society for Microbiology (**SSM**). SwissTech Convention Center, EPFL; Lausanne, Aug 30 – Sept 1, **2022** [Invited Speaker].
2. **SwissASP workshop & networking event: Antimicrobial stewardship in practice: Making the most of what you have!** Hotel Best Western Bern, Bern, Switzerland. 05.11.2021 [Invited Speaker].
3. **One Health meets sequencing 2.0**. On-line; August 17th, **2021**.
4. **NRP 72 Antimicrobial Resistance Synthesis Kick Off Meeting**. Bern, Swiss National Science Foundation, 27 January, **2020** [Invited].
5. **One Health meets whole genome sequencing** (NRP72, Antimicrobial Resistance). KKL Luzern, 21 May, **2019** [Invited Speaker].
6. **NRP72 Antimicrobial Resistance – Program Meeting 2019**. Olympic Museum, Lausanne, 27-28 March, **2019** [Invited Speaker and Moderator].
7. **Mitigating antimicrobial resistance and persistence in the food production chain**. Agroscope Research Programme REDYMO – Lehrgebäude Tierspital, Bern, 31 October, **2018**.
8. **Annual meeting of the Swiss Societies for Infectious Diseases (SSI)**, Hospital Hygiene (SSHH), Tropical Medicine and Parasitology (SSTMP) and Tropical and Travel Medicine (SSTTM) – Interlaken, 13-14 September, **2018**.
9. 76th Annual Meeting of Swiss Society of Microbiology (**SSM**) – Lausanne, 28-30 August, **2018**.
10. **HoPa Symposium (VetSuisse)** - Haus der Universität, Bern, May 4th, **2018** [Invited Speaker].
11. **NRP72 Antimicrobial Resistance – Program Meeting 2018**. Seminarhotel Sempachersee Nottwil, 18-19 April, **2018** [Invited Speaker].
12. Swiss User Group Meeting on Laboratory Automation - Symposium. Zurich, ETH, March 5th, **2018**.
13. Symposium for Infectious Diseases: *How to stay ahead in the race against resistant pathogens* (**Becton-Dickinson**). Bern, Bellevue Hotel, November 22nd, **2017** [Invited Speaker].
14. 75th Annual Meeting of Swiss Society of Microbiology (**SSM**) – Basel, 30 Aug -1 Sept, **2017**.
15. *Darm mit Charme* - Symposium für die Infektionsdiagnostik (Becton-Dickinson). Zurich – Wednesday, November 2nd, **2016** [Invited Speaker].
16. 74th Annual Meeting of Swiss Society of Microbiology (**SSM**) – Bern, 13-16 June, **2016**.

17. **Hans Sigrist Symposium. *Combatting Antibiotic Resistance: Novel Antibacterial Strategies*.** Bern – Friday, December 4th, **2015** [Organizer - Invited Speaker].
18. 37th Annual Infectious Diseases Symposium (Swiss Society of Infectious Diseases, **SSI**). Luzern, March 12th, **2015** [Invited Speaker].
19. **“Réunion informelle”**, Donnerstag, Bern Hotel Ador, Geschlechtskrankheiten 2. Teil. 2. Oktober **2014** [Invited Speaker].
20. Annual Meeting of Swiss Society of Infectious Diseases (**SSI**). Lugano 30-31 May **2013**.
21. 34° Congresso Nazionale della Società Italiana di Microbiologia (**SIM**). Genova 15-18 Ottobre **2006**.
22. XXXV Congresso Nazionale dell’Associazione Microbiologi Clinici Italiani (**AMCLI**). Torino 19-22 Settembre **2006**.
23. Microbiologo & Clinico “Un modello efficace per il paziente”. Convegno Nazionale **AMCLI-SIMMOC**. Perugia, 11-12 Maggio **2006**.
24. 14° Congresso Nazionale Società Italiana di Microbiologia Medica Odontoiatrica e Clinica. (**SIMMOC**). Perugia, 10-11 Maggio **2006**.
25. Integrazione tra Clinico e Microbiologo nella Diagnosi e Sorveglianza delle Infezioni. Convegno Nazionale **AMCLI-SIMMOC**. Induno Olona (Va), 30-31 Maggio **2005** [Invited Speaker].
26. 63rd **Annual Assembly of Swiss Society for Microbiology**, Lugano, 11-12 March **2004**.
27. 22° Congresso Nazionale della Società Italiana di Chemioterapia (**SIC**). Milano, Centro Congressi Hotel Executive, 30 Novembre – 03 Dicembre **2003**.
28. 11° Congresso Nazionale Società Italiana di Microbiologia Medica Odontoiatrica e Clinica (**SIMMOC**). Milano, Excelsior Hotel Gallia, Milano, 19 Giugno **2003**.
29. XXXI Congresso Nazionale dell’Associazione Microbiologi Clinici Italiani (**AMCLI**). Rimini, 17-20 Settembre **2002**.
30. XXIX Congresso Nazionale dell’Associazione Microbiologi Clinici Italiani (**AMCLI**). Rimini, 12-15 Settembre **2000**.

Other Italian Meetings (n=20)

1. “Batteriemie nosocomiali”. Riunione Gruppo di Lavoro AMCLI per il Controllo delle Infezioni Ospedaliere – Sez. Regione Lombardia. Milano, 13 Febbraio 2003.
2. “Osservatorio epidemiologico”. Riunione Gruppo di Lavoro AMCLI per il Controllo delle Infezioni Ospedaliere – Sez. Regione Lombardia. Milano, 11 Dicembre 2002.
3. “Batteriemie nosocomiali”. Riunione Gruppo di Lavoro AMCLI per il Controllo delle Infezioni Ospedaliere – Sez. Regione Lombardia. Milano, 19 Giugno 2002.
4. “Endocarditi Batteriche e Sistemi di Sorveglianza”. Riunione Gruppo di Lavoro AMCLI per il Controllo delle Infezioni Ospedaliere – Sez. Regione Lombardia. Milano, 8 Maggio 2002.
5. “Sistemi di Sorveglianza”. Riunione Gruppo di Lavoro AMCLI per il Controllo delle Infezioni Ospedaliere – Sez. Regione Lombardia. Milano, 20 Febbraio 2002.
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