

# PD Dr. med. Christian Garzoni

**Professional Address:** Clinica Luganese  
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**Email :** christian.garzoni@gmail.com

Born: 3 February 1973, Sorengo, Ticino (Switzerland)  
Nationality: Swiss  
Married, 3 children.

## Studies and diplomas

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2013	<b>“Privat Dozent” PD - Assistant Professor, Bern University</b>
2010	<b>ACLS Certificate</b>
2009	<b>Certificate Course on travelers’ health, Swiss Tropical Institute, Basel</b>
2006	<b>FMH Title Infectious disease</b>
2006	<b>FMH Title Internal medicine</b>
2006	<b>FMH Exams in Infectious disease (note 5.5/6.0)</b>
2003-2004	<b>Certificate of Health Institution Management, HEC, University of Geneva</b> Master to improve professional skills in the area of hospital management. 9 modules with several case studies (10 Months, 240h).
2002	<b>Doctor Thesis in Medicine, University of Basel: “Long-term course of chronic hepatitis C infections“, Prof. Cathomas and Prof. Gudat</b>
4.2002-10.2002	<b>Postgraduate course in experimental medicine (PG-Kurs), University of Zurich and ETH</b> Postgraduate course to acquire theoretical and practical skills in basic science research. Thereafter experience in basic science research activity in infectious disease (10.2002-5.2004).
Octobre 2001 1998	<b>FMH Exams in Internal Medicine (note 6.0/6.0 both oral and written)</b> <b>American medical exams:</b> <b>USLME STEP 1: Basic Medical Science Exam (score 1: 252; score 2: 99/100)</b> <b>USLME STEP 2: Clinical Science Exam (score 1: 232; score 2: 89/100)</b>
1992-1998	<b>Medical School, University of Basel (note 5.59/6.0)</b>
1988-1992	<b>Maturity Type C (Science), Lugano (note 5.56 / 6.0, “Premio Maraini”)</b>

## Professional experience

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- Since 4.2015      **Consultant for Infectious diseases and vaccinology**  
Epatocentro SA, Lugano
- Since 9.2014      **Member of the Task Force Ebola for Canton Ticino**
- Since 9.2013      **“Direttore Sanitario”**  
Clinica Luganese, Lugano, Switzerland
- Since 9.2013      **Attending physician for infectious disease and internal medicine**  
Clinica S. Anna, Genolier Group, Sorengo, Switzerland
- Since 11.2011     **Attending physician for internal medicine**  
**Responsible for infectious disease and hospital infection control**  
Clinica Luganese, Lugano, Switzerland
- Private practice for internal medicine and infectious diseases**  
**Lugano, Switzerland**
- Since 11.2011     **External attending physician for Internal Medicine**  
University Hospital of Bern (Inselspital), Switzerland
- Since 2007        **Consultant for Swisstransplant for infectious diseases in transplantation**
- Since 2009        **Consultant for WHO for donor-derived infections**
- 1.2011-10.2011   **“Oberarzt” (50%) in**  
**Internal Medicine - Department of Emergency Medicine and**  
**Clinic of Infectious Disease**  
University Hospital of Bern (Inselspital), Switzerland
- 1.2007-10.2011   **“Oberarzt”, Clinic of Infectious Disease**  
University Hospital of Bern (Inselspital), Switzerland  
Prof. M. Täuber/Prof. K. Mühlemann  
Interns supervision during hospital consultations  
Outpatient clinic for infectious disease (HIV and general infectious disease)  
Responsible for the internal postgraduate education  
Clinical representative for the DRG introduction and coding issues in the ID department  
Responsible for transplant infectious disease service at Inselspital.  
Coordinator for the Swiss Transplant Cohort Study (STCS) and representative for infectious  
disease issues at the Inselspital.  
Ongoing research projects:  
- Lung infections in immunocompromised patients (ECRIBAL Study)  
- Donor derived infections in SOT in Switzerland (with Swisstransplant)  
- Clinical usefulness of new microbiologic tests (Pneumocystis, CMV)  
Supervision of master/thesis medical students (2 ongoing projects)  
Regular teaching activity with medical students, including “Clinical Skills” and “Problem Based  
Learning-PBL”  
Regular teaching activities at Inselspital
- 6.2004-10.2006   **Intern, Division of Infectious Diseases**  
University Hospital of Geneva, Switzerland  
Prof. D. Lew

- 10.2002-5.2004     **Basic research activity in infectious disease-  
Post Graduate course in experimental medicine**  
Genomic Research Laboratory, Division of Infectious Diseases, University  
Hospital of Geneva, Switzerland  
Prof. J. Schrenzel  
Characterize an in-vitro model of *S.aureus* intracellular persistence. Use a custom designed  
DNA-microarray to analyze gene expression changes of internalized staphylococci.  
Considered part of FMH-Infectious disease fellowship and practical part of the postgraduate  
course in experimental medicine.
- 2002                     **Scientific advisor for Mondobiotec Holding AG**  
Basel/Gentilino, Switzerland
- 7.2001-2.2002        **Intern, Internal medicine/ Neurology**  
Ospedale Civico, Lugano, Switzerland  
Dr. C. Tosi/Prof. A. Cerny
- 6.1999-6.2001 /  
4.2002                   **Intern, Internal medicine**  
Ospedale La Carità, Locarno, Switzerland  
PD Dr. G. Mombelli

## Clinical experiences during the studies

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Internal medicine	Ospedale S. Giovanni, Bellinzona, Prof. Marone
Pediatrics	Children Hospital, Basel
Infectiology	Kantonsspital, Basel, prof. Zimmerli
Hematology	One Boston Medical Center, Boston, Prof. Wright
Gastroenterology	One Boston Medical Center, Boston, Prof. Wolfe
Neurology	Ospedale Civico, Lugano, Dr. Tosi
Surgery	Ospedale Civico, Lugano, Prof. Martinoli
Pathology	Kantonsspital, Basel
Gynecology	Ospedale Beata Vergine, Mendrisio
ORL	CHUV, Lausanne, Prof. Monnier

## Other courses

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2010	Didaktikkurs - „Studierende aktivieren - Lernerfolg fördern“, Bern University.
2009	Didaktikkurs - „Problem Based Learning - PBL“, Bern University.
2009	Betriebliches Gesundheitsmanagement/ Anwesenheitsmanagement. FAIR. Fortbildung für Ärztinnen und Ärzte, Inselspital.
2009	Introduction in Statistic Software STATA®, Bern University.
2005	Certificate Investigator Training Program - ITP, Geneva University Hospital.
2011	ACLS

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## Affiliations

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Member of the following steering committee:

- Società Ticinese Medicina interna (AMITI)
- Comitato direttivo “Tribuna Medica Ticinese”
- Circolo Medico Regione Lugano

Memberships:

- Swiss Society of Infection Control (SwissNOSO)
- Swiss Infectious Disease Society (SGinf)
- Swiss Internal Medicine Society (SGIM)
- Swiss Transplantation Society
- American Society of Transplantations (ATS)
- International Immunocompromised Host Society (ICHS)
- Infectious disease community of practice of the American Society of Transplantations
- INSIGHT Post-transplant infection (PTI) interest group
  
- Working group “Infectious disease”, Swiss Transplant Cohort Study (STCS).
- Working group “Vaccine”, Swiss Transplant Cohort Study (STCS).
  
- Working group “European Cohort of Liver transplantation in HIV-positive patients” (EurOLTHIV).
- Working group “Donor derived infection in solid organ transplantation”, European Society Solid Organ Transplantation (ESOT).
- Working Group “Infection in Transplantation”, European Society of Clinical Microbiology and Infectious Disease (ESCMID)
- Working Group “Infectious disease transmission” SOHO V&S Project. WHO and Centro Nazionale Trapianti (EU-funded).
  
- Gilead scientific advisory board for Ambisome (Fungal infections in transplantation)
- MSD scientific advisory board for fungal infection in the immunocompromised host
- Medical advisor for Swisstransplant (donor derived infection and prevention issues)
- Pfizer advisory board for fungal infection

## Languages

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Italian	mother tongue
German	fluent
French	fluent
English	fluent

## Data Processing

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Very good knowledge of Windows, Office, Endnote, Prism, Origin and biomedical databases (Medline et Cochrane Library). Use of molecular biology utilities and microarray data analysis (Genespring) software. Basic knowledge of STATA.

## Prizes

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**Travel grant XVth ESCMID** (European Congress of Clinical Microbiology and Infectious Disease) Copenhagen, Denmark, 2-5 April 2005.

**ID Fellow Grant Program 46th ICAAC** (Interscience Conference on Antimicrobial Agents and Chemotherapy) San Francisco, USA, 26-30 September 2006

## Book chapters

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**SURF Med. 2012 - Guidelines Innere Medizin, Schweiz**  
Several chapter in the “Infectious diseases” session.

**SURF Med. 2008 - Guidelines Innere Medizin, Schweiz**  
Pages 753-892. Edition D&F GmbH  
Responsible and coordinator for the chapter “Infectious diseases”.

**Turbo Med. 2008 - Notfallmedizin**  
Pages 357-380 Edition D&F GmbH  
Responsible and coordinator for the chapter “Infectious diseases”.

**Algo-SURF. 2011 - Algorithmen für Innere Medizin.**  
Responsible and coordinator for the chapter “Infectious diseases”.

**AST Handbook of Transplant Infections. 2011.**  
Chapter 53 : Drug Interactions Between Antimicrobial Agents and Common Immunosuppressive Drugs Used in Transplantation

## Published/Accepted:

Garzoni C, Leib S, Zimmerli W. Pneumokokken-Meningitis als Komplikation einer Sinusitis Maxillaris. Praxis 1999; 88:491-495  
(case report)

Trampuz A, Garzoni C, Fluckiger U, Zimmerli W. Persistent ulcers on the hand of an aquarium owner. Scand J Infect Dis. 2002;34(8):630-2.  
(case report IF 1.70 / R 0.25)

Garzoni C, Emonet S, Legout L, Rilliet B, Hoffmeyer P, Bernard L, Garbino J. Unusual and severe problems with infections in tsunami survivors. Emerg Infect Dis 2005;11:1591-94.  
(original article IF 6.79 / R 0.96)

Garbino J, Garzoni C. Unusual pathogens and multidrug-resistant bacteria in tsunami survivors. Clin Infect Dis. 2006;42:889-90  
(letter,comment IF 8.19 / R 0.98 )

Renzoni A, Barras C, Francois P, Charbonnier Y, Huggler E, Garzoni C, Kelley WL, Majcherczyk P, Schrenzel J, Lew DP, Vaudaux P. Transcriptomic and functional analysis of an autolysis-deficient, teicoplanin-resistant derivative of methicillin-resistant *Staphylococcus aureus*. Antimicrob Agents Chemother. 2006;50:3048-61  
(original article IF 4.80 / R 0.84)

Francois P, Garzoni C, Bento M, Schrenzel J. Comparison of amplification methods for transcriptomic analyses of low abundance prokaryotic RNA sources. J Microbiol Methods. 2007;68:385-91.  
(original article IF 2.42 / R 0.52)

Garzoni C, Garbino J. Long-term risk of atypical fungal infection after near-drowning episodes. Pediatrics. 2007;119:417  
(letter, comment IF 4.68 / R 0.98 )

Garzoni C, Francois P, Couzinet S, Tapparel C, Huyghe A, Charbonnier Y, Renzoni A, Lucchini S, Lew DP, Vaudaux P, Kelley WL, Schrenzel J A global view of *Staphylococcus aureus* whole genome expression upon internalization in human epithelial cells. BMC Genomics 2007;8:171  
(original article IF 3.76 / R 0.83)

Garzoni C, Nobre VA, Garbino J. *Candida parapsilosis* endocarditis: a comparative review of the literature. Eur J Clin Microbiol Infect Dis. 2007.  
(original article IF 2.60 / R 0.57)

Uçkay I, Rohner P, Bolivar I, Ninet B, Djordjevic M, Nobre V, Garzoni C, Schrenzel J. *Streptococcus sinensis* Endocarditis outside Hong Kong. Emerg Infect Dis 2007;13:1250-52  
(case report IF 6.79 / R 0.96)

Garzoni C, Dumont P. Rate of complications in immunocompromised patients and unexpectedly high proportion of zygomycetes in computed tomography-guided percutaneous lung biopsy specimens. Clin Infect Dis. 2008;46:783-4  
(letter, comments IF 8.19 / R 0.98)

Garzoni C, Garbino J. New azoles as first line therapy for *Paecilomyces lilacinus* in transplant patients. Transpl Infect Dis. 2008;10:149-50.  
(letter IF 2.06 / R 0.37 (ID)/0.50(Tx) )

Garzoni C\*, Parmentier L\*, Antille C, Kaiser L, Ninet B, Borradori L. Value of a novel *Neisseria meningitidis*-specific PCR assay in skin biopsy specimens as a diagnostic tool in chronic meningococemia Arch Dermatol. 2008;144:770-3. Erratum in: Arch Dermatol. 2008;144:1182.  
(original article IF 4.76 / R 0.98 )

Garzoni C, Markham L, Bijlenga, P, Garbino J. Black molds: a rare cause of fungal brain abscess. Case report, clinical aspects and new therapeutic options. *Med Mycol.* 2008;46:481-6.  
(*case report IP 2.13 / R 0.74*)

Garzoni C, Kelley WL. Staphylococcus aureus: new evidence for intracellular persistence. *Trends in microbiology Trends Microbiol.* 2009 Feb;17(2):59-65.  
(*Invited review IP 6.89 / R 0.90*)

Khanna N, Elzi L, Wolbers M, Mueller N, Garzoni C, Cavassini M, Fux C, Vernazza P, Bernasconi E, Viscidi R, Koralnik IJ, Battegay M, Hirsch HH for the Swiss HIV Cohort Study. JC virus-specific immune responses in human immunodeficiency virus type 1 patients with progressive multifocal leukoencephalopathy. *J Virol.* 2009; 83:4404-11.  
(*original article IF 5.15 / R 0.90*)

Khanna N, Elzi L, Mueller N, Garzoni C, Cavassini M, Fux C, Vernazza P, Bernasconi E, Battegay M, Hirsch HH for the Swiss HIV Cohort Study. Incidence and outcome of progressive multifocal leukoencephalopathy over 20 years of the Swiss HIV Cohort Study. *Clin Infect Dis.* 2009; 48: 1459-66.  
(*original article IF 8.19 / R 0.98*)

Garzoni C. Guidelines for resistant gram positive bacteria. Methicillin-resistant, vancomycin-intermediate, and vancomycin-resistant Staphylococcus aureus (MRSA, VISA, VRSA). American Transplant Society. (*Invited review, American Journal of Transplantation 2009 Dec;9 Suppl 4:S41-9. IP 6.43/ R 1.00*).

Garzoni C, Adler S, Boller, C, Guevara C, Furrer, HJ, Villiger P. Possible role of anti-TNF monoclonal antibodies in the treatment *Mycobacterium marinum* infection. *Rheumatology* 2010; 49:1991-3.  
(*letter, IF 4.23/ R0.74*)

Schindler M, Christofilopoulos P, Wyssa B, Belaieff W, Garzoni C, Bernard L, Lew D, Hoffmeyer P, Uçkay I. Poor performance of microbiological sampling in the prediction of recurrent arthroplasty infection. *Int Orthop.* 2011;35:647-54  
(*original article, IF 1.82 / R 0.69*)

Bernard L, Assal M, Garzoni C, Uçkay I. Predicting the pathogen of diabetic toe osteomyelitis by two consecutive ulcer cultures with bone contact. *Eur J Clin Microbiol Infect Dis.* 2011 ; 30: 279-81.  
(*original article IF 2.60 / R 0.57*)

Uçkay I, Garzoni C, Ferry T, Harbarth S, Stern R, Assal M, Hoffmeyer P, Lew D, Bernard L. Postoperative serum Pro-Calcitonin and C-reactive protein levels in patients with orthopedic infections. *Swiss Med Wkly* 2010 Nov 19;140: w13124  
(*original article, IF 1.68 / R 0.67*)

Scherrer AU, von Wyl V, Böni J, Yerly S, Klimkait T, Bürgisser P, Garzoni C, Hirschel B, Cavassini M, Battegay M, Vernazza PL, Bernasconi E, Ledergerber B, Günthard HF; and the Swiss HIV Cohort Study (SHCS). Viral suppression rates in salvage treatment with raltegravir improved with the administration of genotypic partially active or inactive nucleoside/tide reverse transcriptase inhibitors. *J Acquir Immune Defic Syndr.* 2011; 57 :24-31.  
(*original article, IF 4.20 / R 0.86*).

Garzoni C, Kelley WL Return of the Trojan horse: intracellular phenotype switching and immune evasion by Staphylococcus aureus. *EMBO Molecular Medicine.* 2011 *EMBO Mol Med.* 2011;3:115-7.  
(*Invited review*)

Babouee B, Widmer A, Dubuis O, Ciardo D, Droz S, Betsch B, Garzoni C, Fuhrer U, Battegay M, Frei R, Goldenberger D. 1.Emergence of four cases of KPC-2 and KPC-3-carrying Klebsiella pneumoniae introduced to Switzerland, 2009-10. *Euro Surveill.* 2011; 17;16.  
(*original article, no IF*).

Muhlethaler K, Bogli-Stuber K, Wasmer S, von Garnier Ch, Dumont Ph, Rauch A, Muhlemann K, Garzoni C\*. Quantitative PCR to diagnose pneumocystis pneumonia in immunocompromised non-HIV patients. Eur Resp J 2011 Sep 15 [Epub ahead of print]. \*corresponding author (Accepted) (*original article, IF 5.57 / R 0.93*).

Garzoni C, Ison M. Uniform Definitions for Donor-Derived Infectious Disease Transmissions in Solid Organ Transplantation. 2011;92:1297-300 (*original article, IF 3.77/ R 0.93*)

Garzoni C, Müller NJ. Infections in solid organ transplantation - prophylaxis, diagnostic approach and therapy. Ther Umsch. 2011 Dec;68(12):735-43. (*Invited review, No IF*)

Engler K, Mühlemann K, Garzoni C, Pfahler H, Geiser T, von Garnier Ch. Colonisation with *Pseudomonas aeruginosa* and antibiotic resistance patterns in COPD patients. Swiss Med Wkly. 2012;30:142 (*original article, IF 1.68 / R 0.67*)

Berger C, Boggian K, Cusini A, van Delden C, Garzoni C, Hirsch HH, Khanna N, Koller M, Manuel O, Meylan P, Nadal D, Weisser M, Mueller NJ; Transplant Infectious Diseases Working Group, Swiss Transplant Cohort Study. Relevance of cohort studies for the study of transplant infectious diseases. Curr Opin Organ Transplant. 2012 Dec;17:581-585.

Zürcher S, Mooser C, Lüthi AU, Mühlemann K, Barbani MT, Mohacsi P, Garzoni C, Gorgievski-Hrisoho M, Schaller A, Flatz L. Sensitive and rapid detection of ganciclovir resistance by PCR based MALDI-TOF analysis. J Clin Virol. 2012;54:359-63

Berger C, Boggian K, Cusini A, van Delden C, Garzoni C, Hirsch HH, Khanna N, Koller M, Manuel O, Meylan P, Nadal D, Weisser M, Mueller NJ; Transplant Infectious Diseases Working Group, Swiss Transplant Cohort Study. Relevance of cohort studies for the study of transplant infectious diseases. Curr Opin Organ Transplant. 2012 Dec;17:581-5

Methicillin-resistant, vancomycin-intermediate and vancomycin-resistant *Staphylococcus aureus* infections in solid organ transplantation. Garzoni C, Vergidis P; AST Infectious Diseases Community of Practice. Am J Transplant. 2013 Mar;13 Suppl 4:50-8

Impact of antiviral preventive strategies on the incidence and outcomes of cytomegalovirus disease in solid organ transplant recipients. Manuel O, Kralidis G, Mueller NJ, Hirsch HH, Garzoni C, van Delden C, Berger C, Boggian K, Cusini A, Koller MT, Weisser M, Pascual M, Meylan PR; Swiss Transplant Cohort Study. Am J Transplant. 2013 Sep;13(9):2402-10

Microbial communities in the respiratory tract of patients with interstitial lung disease. Garzoni C, Brugger SD, Qi W, Wasmer S, Cusini A, Dumont P, Gorgievski-Hrisoho M, Mühlemann K, von Garnier C, Hilty M. Thorax. 2013 Dec;68:1150-6

Impact of enterococcal colonization and infection in solid organ transplantation recipients from the Swiss Transplant Cohort Study. Bucheli E, Kralidis G, Boggian K, Cusini A, Garzoni C, Manuel O, Meylan PR, Mueller NJ, Khanna N, van Delden C, Berger C, Koller MT, Weisser M; Swiss Transplant Cohort Study. Transpl Infect Dis. 2014 Feb;16(1):26-36



Len O\*, Garzoni C\*, Lumbreras C, Molina I, Meije Y, Pahissa A, Grossi P; The ESCMID Study Group of Infection in Compromised Hosts (ESGICH). Clin Microbiol Infect. 2014

Garzoni C, Uçkay I, Belaieff W, Breilh D, Suvà D, Huggler E, Lew D, Hoffmeyer P, Bernard L. In vivo interactions of continuous flucloxacillin infusion and high-dose oral rifampicin in the serum of 15 patients with bone and soft tissue infections due to Staphylococcus aureus - a methodological and pilot study.

Springerplus. 2014 Jun 7;3:287. eCollection 2014.

Gonzalez A, Schmitter K, Hirsch HH, Garzoni C, van Delden C, Boggian K, Mueller NJ, Berger C, Villard J, Manuel O, Meylan P, Stern M, Hess C; Swiss Transplant Cohort Study.

KIR-associated protection from CMV replication requires pre-existing immunity: a prospective study in solid organ transplant recipients.

Genes Immun. 2014 Oct;15(7):495-9

Wójtowicz A, Lecompte TD, Bibert S, Manuel O, Rüeger S, Berger C, Boggian K, Cusini A, Garzoni C, Hirsch H, Khanna N, Mueller NJ, Meylan PR, Pascual M, van Delden C, Bochud PY; Swiss Transplant Cohort Study (STCS); Swiss Transplant Cohort Study STCS.

PTX3 Polymorphisms and Invasive Mold Infections after Solid Organ Transplantation.

Clin Infect Dis. 2015 May 14. pii: civ386. [Epub ahead of print]

Berger C, Bochud PY, Boggian K, Cusini A, Egli A, Garzoni C, Hirsch HH, Hoffmann M, Khanna N, Manuel O, Meylan P, Nadal D, van Delden C, Weisser M, Mueller NJ; Transplant Infectious Diseases Working Group, Swiss Transplant Cohort Study.

The swiss transplant cohort study: lessons from the first 6 years.

Curr Infect Dis Rep. 2015 Jun;17(6):486

Wójtowicz A, Gresnigt MS, Lecompte T, Bibert S, Manuel O, Joosten LA, Rüeger S, Berger C, Boggian K, Cusini A, Garzoni C, Hirsch HH, Weisser M, Mueller NJ, Meylan PR, Steiger J, Kotalik Z, Pascual M, van Delden C, van de Veerdonk FL, Bochud PY; Swiss Transplant Cohort Study (STCS); Swiss Transplant Cohort Study STCS.

IL1B and DEFB1 Polymorphisms Increase Susceptibility to Invasive Mold Infection After Solid-Organ Transplantation.

J Infect Dis. 2015 May 15;211(10):1646-57.

Manuel O, Wójtowicz A, Bibert S, Mueller NJ, van Delden C, Hirsch HH, Steiger J, Stern M, Egli A, Garzoni C, Binet I, Weisser M, Berger C, Cusini A, Meylan P, Pascual M, Bochud PY; Swiss Transplant Cohort Study. Influence of IFNL3/4 polymorphisms on the incidence of cytomegalovirus infection after solid-organ transplantation.

J Infect Dis. 2015 Mar 15;211(6):906-14

Wójtowicz A, Lecompte TD, Bibert S, Manuel O, Rüeger S, Berger C, Boggian K, Cusini A, Garzoni C, Khanna N, Mueller NJ, Meylan PR, Pascual M, van Delden C, Bochud PY; Swiss Transplant Cohort Study.

Letter. Reply to Cunha et al.

Clin Infect Dis. 2015 Aug 10. pii: civ681. [Epub ahead of print]

Schmied L, Terszowski G, Gonzalez A, Schmitter K, Hirsch HH, Garzoni C, van Delden C, Boggian K, Mueller NJ, Berger C, Villard J, Manuel O, Meylan P, Hess C, Stern M; Swiss Transplant Cohort Study.

Protection From Varicella Zoster in Solid Organ Transplant Recipients Carrying Killer Cell Immunoglobulin-Like Receptor B Haplotypes.

Transplantation. 2015 Jun 4.

Wójtowicz A, Lecompte TD, Bibert S, Manuel O, Rüeger S, Berger C, Boggian K, Cusini A, Garzoni C, Hirsch H, Khanna N, Mueller NJ, Meylan PR, Pascual M, van Delden C, Bochud PY; Swiss Transplant Cohort Study.

PTX3 Polymorphisms and Invasive Mold Infections After Solid Organ Transplant.

Clin Infect Dis. 2015 Aug 15;61(4):619-22

The Swiss Transplant Cohort Study: lessons from the first 6 years.

Berger C, Bochud PY, Boggian K, Cusini A, Egli A, Garzoni C, Hirsch HH, Hoffmann M, Khanna N, Manuel O, Meylan P, Nadal D, van Delden C, Weisser M, Mueller NJ; Transplant Infectious Diseases Working Group, Swiss Transplant Cohort Study.  
Curr Infect Dis Rep. 2015 Jun;17(6):486

Liver Retransplantation in Patients With HIV-1 Infection: An International Multicenter Cohort Study.

Agüero F, Rimola A, Stock P, Grossi P, Rockstroh JK, Agarwal K, Garzoni C, Barcan LA, Maltez F, Manzardo C, Mari M, Ragni MV, Anadol E, Di Benedetto F, Nishida S, Gastaca M, Miró JM; FIPSE/NIH HIVTR/NEAT023 Investigators.  
Am J Transplant. 2015 Sep 28. doi: 10.1111/ajt.13461. [Epub ahead of print]

## Meetings/Poster/Presentations

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XIIth ESCMID (European Congress of Clinical Microbiology and Infectious Disease), Milan, Italy, 21-24 April 2002.

Garzoni C, Monotti R, Mombelli G. Acute nonrheumatic perimyocarditis associated with group A streptococcal tonsillitis.

Swiss society of infectious disease, Friburg, 20-22 June 2002.

Garzoni C, Monotti R, Donati D, Mombelli G. Primary meningococcal peritonitis.

XIIIth ESCMID (European Congress of Clinical Microbiology and Infectious Disease), Glasgow, UK, May 2003.

Garzoni C, Jacomella V., Gayer G. Mombelli G. Multiple splenic abscesses due to *Bartonella henselae*

Swiss society of infectious disease, Lausanne, 12-14 May 2004.

C.Garzoni, P. François, S. Couzinet, A. Renzoni, D. Lew, P. Vaudaux, W. Kelley, J. Schrenzel. Whole-genome expression monitoring reveals *Staphylococcus aureus* strategies for intracellular invasion and persistence.

Host Pathogen Interaction and Human Disease, Wellcome Trust Conference Centre, Wellcome Trust Genome Campus, Hinxton, Cambridgeshire, UK. November 2005

C.Garzoni, P. François, S. Couzinet, C. Tapparel, A. Renzoni, D. Lew, P. Vaudaux, S. Lucchini, W. Kelley, J. Schrenzel. Global gene expression profile of intracellular *Staphylococcus aureus* infection in A549 human lung epithelial cells.

Nocardia 2005, Lyon.

M. Djordjevic, I. Uçkay, C. Garzoni, J. Garbino. Successful treatment of a pulmonary infection by *N. abscessus* in a 70 year old HIV patient with diabetes mellitus II.

2nd TIMM, Berlin 23-26 Oct. 2005; O2.2 in *Mycoses*, vol. 48, suppl. 2, p. 28.

C. Garzoni, M. Djordjevic, I. Uçkay, K. Bouchuigui-Waf, L. Legout, B. Rillet, J. Garbino. Rare mycotic infections in Tsunami survivors.

First Joint Annual Meeting of the Swiss Society of Infectious Diseases, Swiss Society for Hospital Hygiene, Swiss-Noso, Challenges in HIV Infection - Advancing Patient Care, Swiss HIV Cohort Study, and Communicable Diseases Division of the Swiss Federal Office of Public Health. Bâle, 8-10 Juin 2005.

Uçkay I, Garbino J, Rohner P, Djordjevic M, Garzoni C, Lew D, Jacomo J. *Helicobacter cinaedii* bacteraemia. Case report.

First Joint Annual Meeting of the Swiss Society of Infectious Diseases, Swiss Society for Hospital Hygiene, Swiss-Noso, Challenges in HIV Infection - Advancing Patient Care, Swiss HIV Cohort Study, and Communicable Diseases Division of the Swiss Federal Office of Public Health. Bâle, 8-10 Juin 2005.

Uçkay I, Legout L, Garbino J, Djordjevic M, Garzoni C, Jacomo V, Rohner P, Lew D, Bernard L. Posttraumatic soft tissue infection of imipenem-resistant *Nocardia brasiliensis* in a immunocompromized patient.

First Joint Annual Meeting of the Swiss Society of Infectious Diseases, Swiss Society for Hospital Hygiene, Swiss-Noso, Challenges in HIV Infection - Advancing Patient Care, Swiss HIV Cohort Study, and Communicable Diseases Division of the Swiss Federal Office of Public Health. Bâle, 8-10 Juin 2005.

Uçkay I, Garbino J, Rohner P, Djordjevic M, Garzoni C, Jacomo V, Schrenzel J. *Streptococcus sinensis*. Case reports of infective endocarditis.

First Joint Annual Meeting of the Swiss Society of Infectious Diseases, Swiss Society for Hospital Hygiene, Swiss-Noso, Challenges in HIV Infection - Advancing Patient Care, Swiss HIV Cohort Study, and Communicable Diseases Division of the Swiss Federal Office of Public Health. Bâle, 8-10 Juin 2005

Uçkay I, Garbino J, Chalandon Y, Rohner P, Wafa C, Van Delden C. Mucorales infections in transplant patients..

45th ICAAC, Washington, 2006.

M. Djordjevic, J. Garbino, I. Uçkay, C. Garzoni, V. Kostic, B. Lako, D. Tasic. Pathohistological examinations of lymph nodes tularaemia caused by *Francisella Tularensis* Biovar Palearctica.

ECCMID, Nice, 1-4 April 2006.

I. Uçkay, M. Djordjevic, J. Garbino, C. Garzoni, Y. Chalandon, V. Jacomo, P. Rohner, C. Van Delden. Clinical presentation and epidemiology of Mucorales infections in Geneva university hospitals.

12th International Congress on Infectious Diseases. Lisbonne, Portugal. 15-18 Juin 2006.

M. Djordjevic, I. Uçkay, C. Garzoni, P. Rohner, J. Garbino. Three Cases of Pituitary Abscesses. Clinic and Treatment.

12th International Congress on Infectious Diseases. Lisbonne, Portugal. 15-18 Juin 2006.

I. Uçkay, S. Hugonnet, M. Djordjevic, N. Bessire, H. Sax, C. Garzoni, L. Kaiser, V. Nobre Alencar, D. Pittet. Age Limits Do not Replace Serologic Tests for Immune Status Against Measles.

12th International Congress on Infectious Diseases. Lisbonne, Portugal. 15-18 Juin 2006.

I. Uçkay, M. Djordjevic, J. Garbino, C. Garzoni, C. van Delden. Successful Liver Transplantation in a Patient Despite Serologic Evidence of Acute Toxoplasmosis.

ECCMID, Nice, 1-4 April 2006.

C. Garzoni, I. Uckay, L. Markham, R. Sztajzel, K. Bouchuigui-Waf, P. Temperli, J. Garbino *Candida* embolic stroke and secondary fungal mycotic aneurysm

ECCMID, Nice, 1-4 April 2006.

L. Matkham, C. Garzoni, B. Hirschel, S. Harbarth, K. Bouchuigui-Waf, J. Garbino Is posaconazole a new treatment option for brain abscess?

ICHS (International Immunocompromised Host Society), Crans Montana, 2-5 July 2006

C. Garzoni, S. Perrig, J. Lobrinus, B. Schnetzler, C. Van Delden. Fatal Epstein-Barr virus eningoencephalitis in a heart transplant.

ICHS (International Immunocompromised Host Society), Crans Montana, 2-5 July 2006

I. Uçkay, J. Garbino, C. Garzoni, C. van Delden. Successful Liver Transplantation in A Patient Despite Serologic Evidence of Acute Toxoplasmosis.

ICHS (International Immunocompromised Host Society), Crans Montana, 2-5 July 2006

I. Uçkay, C. Garzoni, V. Nobre Alencar, J.L. Barrios. Postsinusitis staphylococcal pituitary abscess.

4th international conference on polyomaviruses and human diseases. Khanna N., Egli A., Wolbers M., Mueller N., Garzoni C., Cavassini M., Fux C., Vernazza C., Bernasconi E., Battegay M., Hirsch HH. Polyomavirus JC-Specific Cellular Immune Response to VP1 and Large T-Antigen in HIV Infected Patients

from the Swiss HIV Cohort Study (SHCS)

12th International Symposium on Staphylococci and Staphylococcal Infections (ISSSI). Maastricht, The Netherlands. September 2006

Renzoni A, Barras C., Francois P, Charbonnier Y, Garzoni C, Kelley W, Majcherczyk J, Schrenzel J, Lew D, Vaudaux P. Transcriptomic and functional analysis of an autolytic-deficient teicoplanin-resistant derivative of methicillin-resistant *Staphylococcus aureus*.

Joint annual meeting of the Swiss Society for Infectious Diseases, Swiss Society for Hospital Hygiene, and the Swiss Society of Pediatrics. 14-15 Jun 2007, Zurich.

V. Nobre, C. Garzoni, I. Uçkay, R. Perdomo, J. Garbino. *Candida parapsilosis* endocarditis: specific features and review of the literature.

Gordon Research Conference on Staphylococcal Diseases, Les Diablerets, Switzerland. September 2007.

C.Garzoni, P. François, S. Huyghe, S. Couzinet, C. Tapparel, Y. Charbonnier, A. Renzoni, S. Lucchini, D. Lew, P. Vaudaux, W. Kelley, J. Schrenzel. Intracellular persistence of *Staphylococcus aureus* in human epithelial cells studied by genome-wide transcriptomic.

Schweizerische Gesellschaft für Innere Medizin (SGIM), 2008.

J. Schmidtko, G. Colucci, C. Garzoni, M. Hahr, F. Demarmels Biasiutti, P. Keller, M. Solenthaler. A bone marrow smear with an unexpected finding

European Society for Organ Transplantation ESOT, Paris, 2009.

Organizer and head of the first "First Global Meeting on Donor-Derived Disease Transmission" (together with M. Ison, Chicago)

Swiss society of infectious disease (SGInf), Geneva, 2009.

Uçkay I., Ferry T., Harbarth S., Garzoni C. and Lew D. Postoperative serum pro-calcitonin and C-reactive protein levels in patients with orthopaedic infections.

Schweizerische Gesellschaft für Innere Medizin (SGIM), Basel, 2009.

T. Silzle, M. Solenthaler, M. Jahns, C. Garzoni, G. Colucci. Not just a simple iron deficiency (Pyrazinamid-induced sideroachresia).

Swiss society for pneumonology (SGP), Fribourg, 2011

Colonisation with *Pseudomonas aeruginosa* and antibiotic resistance patterns in COPD patients

K. Engler, K. Mühlemann, C. Garzoni, H. Pfahler, T. Geiser, C. von Garnier

ATC 2011, American Transplant Congress (Philadelphia, USA), 2011

Mueller N.J., Meylan P., Garzoni C., Hirsch H.H., Boggian K., Nadal D., Saccilotto R., Koller M., van Delden C., Infectious Disease Burden after Solid Organ Transplantation (SOT) in the Swiss Transplant Cohort Study (STCS).

World Health Organisation WHO and Centro Nazionale Trapianti, Bologna, 2011

Vigilance and Surveillance of Substances of Human Origin: Project NOTIFY.

Donor derived disease transmission. Member of the Working Group Infectious disease section. Head of the Parasitic Transmission Working Group and for the Definitions section (together with Ison, M.)

World Health Organisation WHO, Geneva 2011

First Global Consultative Meeting for the BIG V&S Projec (Bologna Initiative for Global Vigilance and Surveillance)

Swiss society for cardiology 2011

Bösch C, Garzoni C, Martinelli M, Negri E, Mohacsi P

Walking the fine line in a patient with ganciclovir-resistant cytomegalovirus infection after stem cell and heart transplantation

Swiss society for pneumology 2011, Interlaken

Engler K, Mühlemann K, Garzoni C, Pfahler H, Geiser T, von Garnier Ch  
Colonisation with *Pseudomonas aeruginosa* and antibiotic resistance patterns in COPD patients

ALLFUN Meeting Borgo Riccio 2014 (European FP7 project)

Interleukin-1  $\beta$  Polymorphisms Increase Susceptibility to Invasive Mold Infection After Solid Organ Transplantation.

Wójtowicz A, Gresnigt M, Lekompte T, Bibert S, Manuel O, Joosten L, Rüeger S, Berger C, Boggian K, Garzoni C, Hirsch HH, Weisser M, Mueller N, Meylan P, Steiger J, Kutalik Z, Pascual M, Van Delden C, van de Veerdonk F, Bochud P and the Swiss Transplant Cohort Study (STCS)

ECCMID 2014, Barcellona

Efficacy of hyperdrymist® micro-nebulized hydrogen peroxide in reducing hospital acquired infections.

Ferrari M, Bocconi A, Anesi A, Garzoni C.

World Congress of Nephrology WCN 2015 - South Africa

Hydrogen-peroxide-based Hyperdrymist® technology massively reduces bacterial contamination in dialysis centre

Ferrier-Guerra C, Solcà C, Villa F, Ferrier-Guerra C

ECCMID 2015, Copenhagen

HyperDRYMist® technology greatly enhances surface bacterial decontamination in dialysis centre

Garzoni C, Solcà C, Villa F, Ferrier-Guerra C

Selected poster for e-poster session

ECCMID 2015, Copenhagen

Low morbidity and mortality of *Clostridium difficile* infections in solid organ transplant recipients of the Swiss Transplant Cohort Study 256

Cusini A, Bégulin C, Stampf S, Boggian K, Garzoni C, Meylan P, Müller N, Manuel O, Maja M, Van Delden C

ECCMID 2015, Copenhagen

Efficacy in ambulances of HyperDRYMist® micro-nebulized hydrogen peroxide solution in reducing bacterial contamination

Garzoni C, Villa F, Regazzoni S, Motti A

## Clinical trials

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I was involved as co-investigator in the following clinical trials:

- A multicenter, double blind, comparative, randomized study to evaluate the efficacy and safety of Micafungin (FK463) versus Liposomal Amphotericin B (Ambisome) in the treatment of invasive candidiasis.
- Open-Label, limited access protocol of Posaconazole in invasive fungal infections.
- Proof-of concept study to investigate the impact of azithromycin administered i.v. vs. placebo on the prevention of pneumonia in ventilated patients colonized with *Pseudomonas aeruginosa*.
- A phase III randomized double-blind study of ceftobiprole monotherapy versus linezolid plus ceftazidime in the treatment of nosocomial pneumonia.
- A phase III, randomized, double-blind study of ceftobiprole versus vancomycin in the treatment of complicated skin and skin structure infections.
- A phase III, randomized, double-blind, comparative study of micafungin (FK463) versus caspofungin as antifungal treatment in patients with invasive candidiasis or candidemia.
- Linezolid vs. vancomycin/oxacillin/dicloxacillin in the treatment of catheter-related Gram-positive bloodstream infections.
- A Multicenter, Open-Label, Randomized Comparative Study of Tigecycline vs Ceftriaxone Sodium Plus Metronidazole for the treatment of Hospitalized Subjects With Complicated Intra-abdominal Infection.
- A phase III, randomized, double-blind study of GT267-004 versus vancomycin and GT267-004 versus metronidazole, in *Cl. difficile* associated diarrhea
- A Multicenter, double-blind, randomized, placebo-controlled Study to evaluate the safety and antiretroviral activity of MK-0518 (Integrase inhibitor) in combination with an optimized background therapy (OBT) versus OBT alone in HIV-infected patients with documented resistance to at least 1 drug in each of the 3 class of licensed oral antiretroviral therapy
- **2007-2011 local responsible for the Swiss Transplant Cohort Study (STCS) at the Inselspital**
- **Since 2007 active member of the Infectious disease working group of the STCS**
- **Since 2008 lead ECRIBAL Study (Epidemiology, clinical relevance and immune response of infections in immunocompromised patients)**
- **Since 2012 local responsible for infectious disease issue of the Swiss Transplant Cohort Study (STCS) for the Ticino region and active member of the Infectious disease working group of the STCS**

Lugano, 2.12.2015

PD. Dr.Christian Garzoni, MD