

MOHAMED ABBAS

Date of birth: 10 May 1982
Nationality: Swiss & Sudanese
mohamed.abbas@hcuge.ch
OrcID: 0000-0002-7265-1887

EDUCATION

2017: Board Certification in Infectious Diseases (FMH)
2016: MSc Epidemiology, London School of Hygiene and Tropical Medicine
2014: Board Certification in Internal Medicine (FMH)
2007: Federal Diploma of Medicine, Faculty of Medicine, University of Geneva
2000: International Baccalaureate (Bilingual Diploma), International School of Geneva

EMPLOYMENT HISTORY

November 2015 – Present	Senior Research Associate, Infection Control Programme, Geneva University Hospitals
November 2013 – October 2015	Senior Fellow, Division of Infectious Diseases, Geneva University Hospitals
April 2010 – October 2013	Senior Resident, Service of General Internal Medicine, Geneva University Hospitals
October 2008 – March 2010	Junior Resident, Emergency Department, Sion Hospital (VS)
September 2007 – September 2008	Junior Resident, Service of General Internal Medicine, Geneva University Hospitals

INSTITUTIONAL RESPONSIBILITIES

October 2016 - Present	Member of a quality improvement project aiming to improve surgical hand preparation
Since 2014:	Member of the multidisciplinary quality improvement project “GenoVAP: a multimodal strategy to prevent ventilator-associated pneumonia”

APPROVED RESEARCH PROJECTS

The effect of surgical site infection (SSI) surveillance on temporal trends of SSI rates: an international retrospective cohort study.

Epidemiology of *Staphylococcus aureus* bacteraemia, and risk factors for complications, in adult patients in a tertiary care centre: a retrospective cohort study.

SUPERVISION OF JUNIOR

Co-supervisor, with Prof. Stephan Harbarth, of Ms. Cécile Frérot (Master’s thesis, Faculty of Medicine, University of Geneva):
“Risk factors for surgical site infection post-cranioplasty”

RESEARCHERS

Co-supervisor, with Dr. Laurent Suppan, of Ms. Virginie Ruedi and Mr. Romain Bonnet (Master's thesis, Faculty of Medicine, University of Geneva):

“Ceftriaxone and blood cultures: Relevance in pre-hospital management Of Septic patientS (CROSS study)”

Co-supervisor, with Dr. Rodrigue Pignel and Prof. Didier Pittet, of Ms. Laetitia Hendier (Master's thesis, Faculty of Medicine, University of Geneva):

“Prevention of the infectious risk in hyperbaric chambers”

TEACHING ACTIVITIES

Undergraduate teaching: infectious diseases module in Faculty of Medicine, University of Geneva

Post-graduate teaching: presentations at training seminars for internists and infectiologists

INDIVIDUAL SCIENTIFIC REVIEWING ACTIVITIES

Peer reviewer for:

- Lancet Infectious Diseases
 - Journal of the American Medical Association (JAMA)
 - PLoS Medicine
 - Clinical Microbiology and Infectious Diseases
 - Infection Control and Hospital Epidemiology
 - PLoS One
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MEMBERSHIPS IN SCIENTIFIC SOCIETIES

Member of the Swiss Society for Infectious Diseases

Member of the European Society of Clinical Microbiology and Infectious Diseases

ORGANISATION OF CONFERENCES

Organizer of the pre-conference workshop entitled “Refugee and migrant health”
Geneva, June 2017

Assisted the scientific advisory committee to organize the International Conference of Prevention and Infection Control (ICPIC)

Geneva, June 2017

Member of the Jury of the abstract selection for the Semmelweiss Conference

Budapest, March 2017

PRIZES, AWARDS, FELLOWSHIPS

Co-recipient of the Geneva University Hospitals 2015 Best Quality Improvement Project

“Prevention of ventilator-associated pneumonia (VAP): a VAP bundle”

PUBLICATION LIST

PEER-REVIEWED PUBLICATIONS

1. **Abbas M**, Aghayev E, Troillet N, Eisenring MC, Kuster S, Widmer AF, Harbarth S, and Swissnoso. Temporal trends and epidemiology of *Staphylococcus aureus* surgical site infection in the Swiss surveillance network: a cohort study. J Hosp Infect 2017 Oct 5. pii: S0195-6701(17)30534-0. doi: 10.1016/j.jhin.2017.09.025. [Epub ahead of print].
2. **Abbas M**, Emonet S, Köhler T, Renzi G, van Delden C, Schrenzel J, Hirschel B. Ecthyma gangrenosum: *Escherichia coli* or *Pseudomonas aeruginosa*? Front. Microbiol. 8:953. doi: 10.3389/fmicb.2017.00953
3. **Abbas M**, Tartari E, Allegranzi B, Pittet D, Harbarth S. Effect of participating in a surgical site infection surveillance (SSI) network on the time-trend of SSI rates: a systematic review. Infect Control Hosp Epidemiol 2017 Aug 24:1-3. doi: 10.1017/ice.2017.186. [Epub ahead of print].
4. De Kraker MEA, **Abbas M**, Huttner B, Harbarth S. Good epidemiological practice: A narrative review of appropriate scientific methods to evaluate the impact of antimicrobial stewardship interventions. Clin Microbiol Infect 2017 2017 May 29. pii: S1198-743X(17)30279-3. [Epub ahead of print].
5. **Abbas M**, Paul M, Huttner A. New and improved? A review of novel antibiotics for Gram-positive bacteria. Clin Microbiol Infect 2017 Oct;23(10):697-703.
6. Tartari E, **Abbas M**, Pires D, de Kraker MEA, Pittet D. World Health Organization "SAVE LIVES : Clean Your Hands" global campaign - 'Fight antibiotic resistance - it's in your hands'. Clin Microbiol Infect. 2017. May 6. pii: S1198-743X(17)30232-X.
7. Pires D, de Kraker MEA, Tartari E, **Abbas M**, Pittet D. 'Fight Antibiotic Resistance—It's in Your Hands': Call from the World Health Organization for 5th May 2017. Clin Infect Dis 2017; 64(12):1780–1783.
8. Huwyler T, Lenggenhager L, **Abbas M**, Ing Lorenzini K, Hughes S, Huttner B, Karmime A, Uçkay I, von Dach E, Lescuyer P, Harbarth S, Huttner A. Cefepime plasma concentrations and clinical toxicity: a retrospective cohort study. Clin Microbiol Infect. 2017; 23(7):454-459.
9. Nemeth J, Bernasconi E, Heining U, **Abbas M**, Nadal D, Strahm C, Erb S, Zimmerli S, Furrer H, Delaloye J, Kuntzer T, Altpeter E, Sturzenegger M, Weber R, For The Swiss Society For Infectious Diseases And The Swiss Society For Neurology. Update of the Swiss guidelines on post-Lyme disease syndrome. Swiss Med Wkly. 2016 Dec 5;146:w14353. doi: 10.4414/smw.2016.14353.
10. Allegranzi B, Bischoff P, de Jonge S, Kubilay NZ, Zayed B, Gomes SM, **Abbas M**, Atema JJ, Gans S, van Rijen M, Boermeester MA, Egger M, Kluytmans J, Pittet D, Solomkin JS; WHO Guidelines Development Group. New WHO recommendations on preoperative measures for surgical site infection prevention: an evidence-based global perspective. Lancet Infect Dis. 2016 Nov 1. pii: S1473-3099(16)30398-X. doi: 10.1016/S1473-3099(16)30398-X.
11. Allegranzi B, Zayed B, Bischoff P, Kubilay NZ, de Jonge S, de Vries F, Gomes SM, Gans S, Wallert ED, Wu X, **Abbas M**, Boermeester MA, Dellinger EP, Egger M, Gastmeier P,

Guirao X, Ren J, Pittet D, Solomkin JS; WHO Guidelines Development Group. New WHO recommendations on intraoperative and postoperative measures for surgical site infection prevention: an evidence-based global perspective. *Lancet Infect Dis*. 2016 Nov 1. pii: S1473-3099(16)30402-9. doi: 10.1016/S1473-3099(16)30402-9.

12. **Abbas M**, Pittet D. Surgical site infection prevention: a global priority. *J Hosp Infect* 2016. Aug;93(4):319-22. <http://dx.doi.org/10.1016/j.jhin.2016.06.002>
13. Marti C, Grosgrain O, Harbarth S, Combescure C, **Abbas M**, Rutschmann O, Perrier A, Garin N. Adjunctive Corticotherapy for Community Acquired Pneumonia: A Systematic Review and Meta-Analysis. *PLoS One*. 2015 Dec 7;10(12):e0144032
14. **Abbas M**, Uçkay I, Lipsky BA. In diabetic foot infections antibiotics are to treat infection, not to heal wounds. *Expert Opin Pharmacother*. 2015 Apr;16(6):821-32.
15. **Abbas M**, Lalive PH, Chofflon M, Simon HU, Chizzolini C, Ribi C. Hypereosinophilia in multiple sclerosis patients treated with natalizumab. *Neurology*. 2011; 77(16):1561-4.
16. Gétaz L, **Abbas M**, Loutan L, Schrenzel J, Iten A, Simon F, Decosterd A, Studer R, Sudre P, Michel Y, Merlani P, Emonet S. Fatal acute melioidosis in a tourist returning from Martinique Island, November 2010. *Euro Surveill*. 2011 Jan 6; 16(1).

PUBLICATIONS WITHOUT PEER- REVIEW

1. Sciotto L, **Abbas M**, Serratrice J. [Detection of bacteriemia by blood cultures: who will benefit?]. *Rev Med Suisse*. 2017; 13:1774-1778.
2. Martischang R, **Abbas M**, Huttner B, Harbarth S, Schrenzel J. [How to use microbiological diagnostic tests in a hospital setting]. *Rev Med Suisse* 2017. Apr 12;13(558):792-796. French
3. Buzzi M, Rossel A, Coen M, Kaiser L, **Abbas M**. [Clostridial infections]. *Rev Med Suisse*. 2016; 12(514):754-60. French
4. Buvelot H, Lebowitz D, Huttner B, Schibler M, Kaiser L, **Abbas M**. [Varicella in adults: beyond zoster]. *Rev Med Suisse* 2016; 12(514):738-743. French
5. **Abbas M**, Cherkaoui A, Fankhauser C, Schrenzel J, Harbarth S. [Epidemiology and clinical implications of carbapenemase-producing bacteria in Switzerland]. *Rev Med Suisse*. 2012; 8:882-889. French
6. Nyffenegger L, **Abbas M**, Gex G, Boffi E, Schrenzel J, Bouchuiguir-Wafa K, Hirschel B. [Imported cases of histoplasmosis]. *Rev Med Suisse*. 2009; 5:2418-23. French.

BOOK CHAPTERS

1. Chapter 71 (Severe soft tissue infections). *Oh's Intensive Care Manual*. 8th Edition (in press).

ABSTRACTS

1. Tartari E, **Abbas M**, Allegranzi B, Pittet D, Harbarth S. Effect of participating in a surgical site infection (SSI) network on the time-trend of SSI rates: a systematic review. *International Conference on Prevention and Infection Control*. Genva, June 2017. P1.

2. Lenggenhager L., Abbas M., Fankhauser C., Huttner B., Harbarth S, Huttner A. The emergence of Pseudomonas aeruginosa resistance in patients with imipenem therapeutic drug monitoring. *European Conference on Clinical Microbiology and Infectious Diseases*. Vienna, April 2017. P1249.
3. V. Nocquet-Boyer, C. Landelle, S. Naimo, R. Raulais, E. Genevois, L. Bouchoud, F. Boroli, N. Abidi, M. Abbas, S. Harbarth, J. Pugin. Marked decrease in the incidence of ventilator-associated pneumonia using a bundle of care containing selective oropharyngeal decontamination. *Société française de réanimation*. Paris, 14.01.2016.
4. LaLive P, Abbas M, Chofflon M, Simon HU, Chizzolini C, Ribi C. Hypereosinophilia in Patients with Multiple Sclerosis Treated with Natalizumab. *American Academy of Neurology's 64th AAN Annual Meeting, April 25, 2012*. New Orleans, USA. P04.135.
5. Fankhauser C, Cherkaoui A, Renzi G, Abbas M, Schrenzel J, Pittet D, Harbarth S. Carbapenem-resistant enterobacteriaceae: a challenge for early detection and infection control. *International Conference on Prevention & Infection Control (ICPIC 2011) 29 June - 2 July 2011*. Geneva, Switzerland
6. Gétaz L, Abbas M, Olive C, Loutan L, Emonet S. Melioidosis: the rapid dissemination of information, a public health priority. *7th European Congress on Tropical Medicine & International Health 3-6 October 2011*. Barcelona, Spain. T1.6 P4-02
7. Gétaz L, Abbas M, Loutan L, Iten A, Simon F, Decosterd A, Studer R, Sudre P, Michel Y, Merlani P, Emonet S. Fatal melioidosis diagnosed by mass spectrometry in a tourist returning from Martinique Island. *ESCMID, 7 - 10 May 2011*. Milan, Italy. Abstract number: P874.