

BIRGAND Gabriel

Date of birth: 19/03/1980

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Work experience

2015 to date: Hospital practitioner, Head of the regional co-ordinating centres for infection prevention and control, Pays de la Loire, Nantes University Hospital

2014 to date: Post-Doctorat, Visiting researcher, Health Protection Research Unit (HRPU), Imperial College London

2010-2014: Fellow – Infection Control Unit, Bichat-Claude Bernard Hospital, Paris Diderot VII University

2009-2010: Transitory head of the Infection Control Unit, St Antoine Hospital, Paris

2009: Laureate of the Lille University Hospital Grant, Infection Control Unit, Lille

2004-2008: Junior hospital doctor training courses

Diploma and University titles

2014 : Doctor of Philosophy (PhD) Paris VI – Paris VII Pierre and Marie Curie University
Study subject: « New tools of the diagnosis and prevention of surgical site infections »

2009: Master's degree of Epidemiology and Public Health (ranked: 2nd/30) Pierre and Marie Curie University, Paris and Imperial College of Healthcare, London

2008: Thesis of Pharmacy

2007: University degree in infection control, University of Amiens, France

2007: University degree (Master 1) in Statistics and modelling, University of Lille 2, France

Scientific work

Troughton R, Mariano V, Campbell A, Hettiaratchy S, Holmes A, **Birgand G**. Understanding determinants of infection control practices in surgery: the role of shared ownership and team hierarchy. *Antimicrob Resist Infect Control*. 2019 Jul 15;8:116.

Birgand G, Haudebourg T, Grammatico-Guillon L., Ferrand L., Moret L., Gouin F., Mauduit N., Leux C., Le Manach Y., Lepelletier D., Tavernier E., Lucet J.C., Giraudeau B. Improvement of intraoperative staff behaviours to prevent post-operative complications (ARIBO2): Study protocol for a cluster randomized trial. *Trials*. 2019 May 20;20(1):275.

Birgand G, Azevedo C, Rukly S, Pissard-Gibollet R, Toupet G, Timsit JF, Lucet JC, and the ARIBO Study Group. Motion-capture system to assess intraoperative staff movements and door openings: Impact on surrogates of the infectious risk in surgery. *Infect Control Hosp Epidemiol*. 2019 May;40(5):566-573.

Azevedo-Coste C, Pissard-Gibollet R, Toupet G, Fleury É, Lucet JC, Birgand G. Tracking Clinical Staff Behaviors in an Operating Room. *Sensors (Basel)*. 2019 May 17;19(10).

Grants

2018: EIT Health, European Institute of Innovation & Technology (EIT) (249 875 euros) : “Virtual reality for Operating Room: the room of success (VIP Room)” Co-investigateur.

2017: Economic and Social Research Council, Imperial College London (£1,688,708) « Optimising antibiotic use along surgical pathways: addressing antimicrobial resistance and improving clinical outcomes. » Co-investigateur.

2017 : PREPS 2017 au CHU de Nantes (470 314 euros) « Impact sur la gestion des interruptions de tâches d'un programme d'amélioration des interactions entre professionnels. », Co-investigateur.

2016 : PREPS 2016 au CHU de Nantes (505 000 euros) « Projet ARIBO² : Amélioration des comportements peropératoires des personnels pour prévenir les complications post-opératoires. », Investigateur principal.

2015: Antimicrobial Research Collaborative, Imperial College London (£37,669)

2015: Early Career Fellowship: “Knowledge and perception of antimicrobial resistance among European Healthcare professionals”

2010: PREPS 2010 AHP (105 000 euros) « Projet ARIBO² : ARIBO: Attitudes et risques infectieux au bloc opératoire. », Coordonnateur.

Awards

2015: Antimicrobial Research Collaborative, Imperial College London, Early Career Fellowship

2014: Clinical award RICAI

2014: Travel grant for the participation to the European Congress of Clinical Microbiology and Infectious Diseases (ECCMID) in Barcelona

2013: Medical award of the french society of infection control (SF2H)

2013: Travel grant for the participation to the European Congress of Clinical Microbiology and Infectious Diseases (ECCMID) in Berlin

2011: Junior award of the french society of infection control (SF2H)

2009: Laureate of the Lille University Hospital Grant