



**SIM**  
SOCIETÀ ITALIANA  
DI MICROBIOLOGIA

**47° CONGRESSO  
NAZIONALE**  
SOCIETÀ ITALIANA DI MICROBIOLOGIA



**18-21 SETTEMBRE 2019**  
**ANGELICUM CONGRESS CENTRE**

Pontificia Università San Tommaso d'Aquino  
Larco Angelicum 1 — 00184 Roma

**P 059 ID 166 Inhibition of Quorum Sensing-dependent biofilm formation and virulence factors in *Pseudomonas aeruginosa* by the boronic acid SM23**

**Peppoloni Samuele**, Pericolini Eva, Colombari Bruna, Pinetti Diego, Fini Francesco, Prati Fabio, Blasi Elisabetta, Caselli Emilia

**P 060 ID 171 Characterization of carbapenemes resistant *Klebsiella pneumoniae* isolates from blood and bronchoalveolar lavages in the Area Vasta 3**

Vitali Luca A., Gironacci Luciana, Giannini Erica, **Petrelli Dezemona**

**P 061 ID 178 Diamines produced by vaginal bacteria in women undergoing in-vitro fertilization as biomarkers of dysbiosis**

**Lazzeri Elisa**, Luddi Alice, Crifasi Laura, Mendonca Kevin, De Giorgi Stefano, Ricci Susanna, Piomboni Paola, De Leo Vincenzo, Pozzi Gianni

**P 062 ID 187 Emergence and spread of carbapenemase-producing *Serratia marcescens* strains in a Nephrology Unit of a large Italian hospital**

**Codda Giulia**, Coppo Erika, Marchese Anna

**P 063 ID 194 Rapid detection and containment of a NDM-1 *Proteus mirabilis* clone in an Italian Hospital**

**Mercato Alessandra**, Mattioni Marchetti Vittoria, Marchesini Federica, Mancinelli Marika, Bracco Silvia, Rognoni Vanina, Anesi Adriano, Nucleo Elisabetta, Migliavacca Roberta

**P 064 ID 208 Rapid molecular tests for detection of antimicrobial resistance determinants in Gram-negative organisms from positive blood cultures: a systematic review and meta-analysis**

**De Angelis Giulia**, Grossi Adriano, Menchinelli Giulia, Boccia Stefania, Sanguinetti Maurizio, Posteraro Brunella

**P 066 ID 212 Pre-medicated gauze with hydrogel and hydrolat of *Citrus aurantium var amara* (flowers) for the prevention of microbial infections of the damaged skin**

**Di Vito Maura**, Bugli Francesca, Mondello Francesca, Torelli Riccardo, Schweizer Tiziano A., Zinkernagel Annelies S., Posteraro Brunella, Bellardi Maria G., Girolamo Antonietta, Ragno Rino, Garzoli Stefania, Mattarelli Paola, Sanguinetti Maurizio

**P 067 ID 213 Characterization of farm animal and human *Clostridioides (Clostridium) difficile* strains in Italy**

**Spigaglia Patrizia**, Barbanti Fabrizio, Vescovi Mariella, Ceruti Rossella, Gaspano Clara, Faccini Silvia, Merenda Marianna, Rosignoli Carlo

**P 068 ID 214 Rapid and simultaneous detection by a multiplex real-time PCR assay of bacterial vaginosis (BV) among women admitted to Gynecology Unit of Sapienza University Hospital "Policlinico Umberto I"**

**Di Lella Federica Maria**, Prezioso Carla, Di Napoli Alessandra, Galdiero Massimiliano, Antonelli Guido, Recine Nadia, Benedetti Panici Pierluigi, Pietropaolo Valeria

**P 069 ID 215 Development of a novel Loop-Mediated Isothermal Amplification (LAMP)-based kit for the rapid detection of *Legionella spp.* in environmental samples**

**Caruso Giorgio**, Bongiovanni Annalisa, Mascarella Chiara, Fasciana Teresa, Coniglio Maria Anna, Laganà Pasqualina, Arcoleo Giuseppe, Cuzzolaro Gaetano, Giammanco Anna

**P 070 ID 216 *Bordetella pertussis* DNA in the Blood from a Child with Silver-Tube Tracheostomy Detected Prior to Seroconversion**

**Liotti Flora Marzia**, De Angelis Giulia, Speziale Domenico, D'inzeo Tiziana, Genovese Orazio, Conti Giorgio, Sanguinetti Maurizio, Spanu Teresa, Posteraro Brunella

**P 071 ID 222 Rapid diagnosis from positive blood culture: the experience of the Microbiology and**