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## In Vivo Evolution of Bacterial Resistance in Two Cases of *Enterobacter aerogenes* Infections during Treatment with Imipenem

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| 40 | Efflux Pump Blockers in Gram-Negative Bacteria: The New Generation of Hydantoin Based-Modulators to Improve Antibiotic Activity. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 622                           | 5.7  | 11        |
| 39 | Altered Outer Membrane Transcriptome Balance with AmpC Overexpression in Carbapenem-Resistant. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 2054  | 5.7  | 21        |
| 38 | Role of the Gram-Negative Envelope Stress Response in the Presence of Antimicrobial Agents. <i>Trends in Microbiology</i> , <b>2016</b> , 24, 377-390  | 12.4 | 46        |
| 37 | Antimicrobial Drug Efflux Pumps in Enterobacter and Klebsiella. <b>2016</b> , 281-306  |      | 3         |
| 36 | Mechanisms of envelope permeability and antibiotic influx and efflux in Gram-negative bacteria. <i>Nature Microbiology</i> , <b>2017</b> , 2, 17001  | 26.6 | 144       |
| 35 | In vitro susceptibility and resistance phenotypes in contemporary Enterobacter isolates in a university hospital in Crete, Greece. <i>Future Microbiology</i> , <b>2017</b> , 12, 683-693                          | 2.9  | 2         |
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| 33 | In-vivo loss of carbapenem resistance by extensively drug-resistant Klebsiella pneumoniae during treatment via porin expression modification. <i>Scientific Reports</i> , <b>2017</b> , 7, 6722                    | 4.9  | 18        |
| 32 | Dual Regulation of the Small RNA MicC and the Quiescent Porin OmpN in Response to Antibiotic Stress in Escherichia coli. <i>Antibiotics</i> , <b>2017</b> , 6,   | 4.9  | 10        |
| 31 | [Antibiotic transport and membrane permeability: new insights to fight bacterial resistance]. <b>2017</b> , 211, 149-154   |      | 6         |
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| 29 | Spectrofluorimetric quantification of antibiotic drug concentration in bacterial cells for the characterization of translocation across bacterial membranes. <i>Nature Protocols</i> , <b>2018</b> , 13, 1348-1361 | 18.8 | 31        |
| 28 | Evolution and typing of IncC plasmids contributing to antibiotic resistance in Gram-negative bacteria. <i>Plasmid</i> , <b>2018</b> , 99, 40-55  | 3.3  | 28        |
| 27 | Interplay Between Membrane Permeability and Enzymatic Barrier Leads to Antibiotic-Dependent Resistance in. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 1422  | 5.7  | 24        |
| 26 | spp.: Update on Taxonomy, Clinical Aspects, and Emerging Antimicrobial Resistance. <i>Clinical Microbiology Reviews</i> , <b>2019</b> , 32,  | 34   | 91        |
| 25 | Genomic analysis unveils important aspects of population structure, virulence, and antimicrobial resistance in Klebsiella aerogenes. <i>FEBS Journal</i> , <b>2019</b> , 286, 3797-3810                            | 5.7  | 11        |
| 24 | Outer Membrane Porins. <i>Sub-Cellular Biochemistry</i> , <b>2019</b> , 92, 79-123   | 5.5  | 23        |

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| 22 | Modification of outer membrane permeability and alteration of LPS in veterinary enterotoxigenic Escherichia coli. <i>Research in Veterinary Science</i> , <b>2019</b> , 124, 321-327   | 2.5  | 3  |
| 21 | Next-Generation-Sequencing-Based Hospital Outbreak Investigation Yields Insight into Klebsiella aerogenes Population Structure and Determinants of Carbapenem Resistance and Pathogenicity. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2019</b> , 63, | 5.9  | 15 |
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| 10 | Stress responses, outer membrane permeability control and antimicrobial resistance in Enterobacteriaceae. <i>Microbiology (United Kingdom)</i> , <b>2018</b> , 164, 260-267  | 2.9  | 28 |
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