

SUPPLEMENTARY MATERIAL TO  
**Bactericidal effects of copper–polypyrrole composites modified with silver nanoparticles against Gram-positive and Gram-negative bacteria**

PATRICIA L. MARUCCI<sup>1</sup>, MARIA G. SICA<sup>1,2</sup>, LORENA I. BRUGNONI<sup>1,3</sup>  
 and MARÍA B. GONZÁLEZ<sup>4\*</sup>

<sup>1</sup>Department of Biology, Biochemistry and Pharmacy, National University of the South, Bahía Blanca, Argentina, <sup>2</sup>Department of Health Sciences, National University of the South, Bahía Blanca, Argentina, <sup>3</sup>Institute of Biological and Biomedical Sciences, National University of the South, CONICET, Bahía Blanca, Argentina and <sup>4</sup>Chemical Engineering Department, Institute of Electrochemistry and Corrosion Engineering, National University of the South, CONICET, Bahía Blanca, Argentina

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TABLE S-I.

Strain	Coatings		
	PPy/AgNp <sub>100</sub>	PPy/AgNp <sub>500</sub>	Cu-PPy/AgNp <sub>500</sub>
<i>Staphylococcus aureus</i> ATCC 25923	4 ± 0	4 ± 1	5 ± 1
<i>Staphylococcus aureus</i> (1)	6 ± 0	5 ± 1	7 ± 1
<i>Staphylococcus aureus</i> (2)	5 ± 1	7 ± 1	9 ± 1
<i>Staphylococcus aureus</i> (3)	0	0	6 ± 0
<i>Staphylococcus aureus</i> (4)	0	3 ± 1	5 ± 1
<i>Staphylococcus aureus</i> (5)	0	11 ± 1	10 ± 2
<i>Staphylococcus aureus</i> (6)	0	8 ± 0	8 ± 0
<i>Staphylococcus aureus</i> (7)	0	6 ± 0	1 ± 1
<i>Staphylococcus aureus</i> (8)	2 ± 0	3 ± 1	6 ± 0
<i>Staphylococcus aureus</i> (9)	2 ± 0	7 ± 1	4 ± 0
<i>Staphylococcus aureus</i> (10)	2 ± 0	9 ± 1	11 ± 1
<i>Staphylococcus aureus</i> (11)	2 ± 0	4 ± 0	4 ± 0
<i>Staphylococcus aureus</i> (12)	2 ± 0	6 ± 0	11 ± 1
<i>Staphylococcus aureus</i> (13)	2 ± 0	6 ± 0	7 ± 1
<i>Escherichia coli</i> ATCC 25922	3 ± 1	1 ± 1	7 ± 1
<i>Escherichia coli</i> (6)	2 ± 0	2 ± 0	2 ± 0
<i>Escherichia coli</i> (17)	1 ± 1	7 ± 1	4 ± 0
<i>Escherichia coli</i> (19)	0	2 ± 0	4 ± 0
<i>Escherichia coli</i> (28)	2 ± 1	7 ± 1	3 ± 1
<i>Escherichia coli</i> O157H7 (933)	5 ± 1	5 ± 1	7 ± 1

\* Corresponding author. E-mail: belen.gonzalez@uns.edu.ar

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<i>Salmonella enterica</i>	1 ± 1	2 ± 0	6 ± 0
<i>Pseudomonas aeruginosa</i>	3 ± 1	4 ± 0	6 ± 0
<i>Listeria monocytogenes</i> ATCC 7644	2 ± 0	0	0
<i>Listeria innocua</i>	0	6 ± 0	9 ± 1

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