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Antimicrobial polymer coatings with efficacy against pathogenic and spoilage microorganisms

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### ANTIMICROBIAL POLYMER COATINGS WITH EFFICACY AGAINST 1 PATHOGENIC AND SPOILAGE MICROORGANISMS 2 3 Yu-Ting Hung<sup>1</sup>, Lynne A. McLandsborough<sup>1</sup>, Julie M. Goddard<sup>2</sup>, Luis J. Bastarrachea<sup>3,\*</sup> 4 5 <sup>1</sup>Department of Food Science, University of Massachusetts, Amherst, MA 01003, USA 6 <sup>2</sup>Department of Food Science, Cornell University, Ithaca, NY 14853, USA 7 <sup>3</sup>Department of Nutrition, Dietetics and Food Sciences, Utah State University, Logan, UT 8 84322, USA 9 10 11 \*Corresponding author: 12 Luis J. Bastarrachea, Ph.D. 13 **Assistant Professor** 14 Department of Nutrition, Dietetics and Food Sciences 15 16 Utah State University 8700 Old Main Hill 17 Logan, UT 84322 18 luis.bastarrachea@usu.edu 19 20 21 22 23

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