

**Supporting information**

**Antimicrobial Properties of Copper doped ZnO Coatings Under Darkness and  
White Light Illumination**

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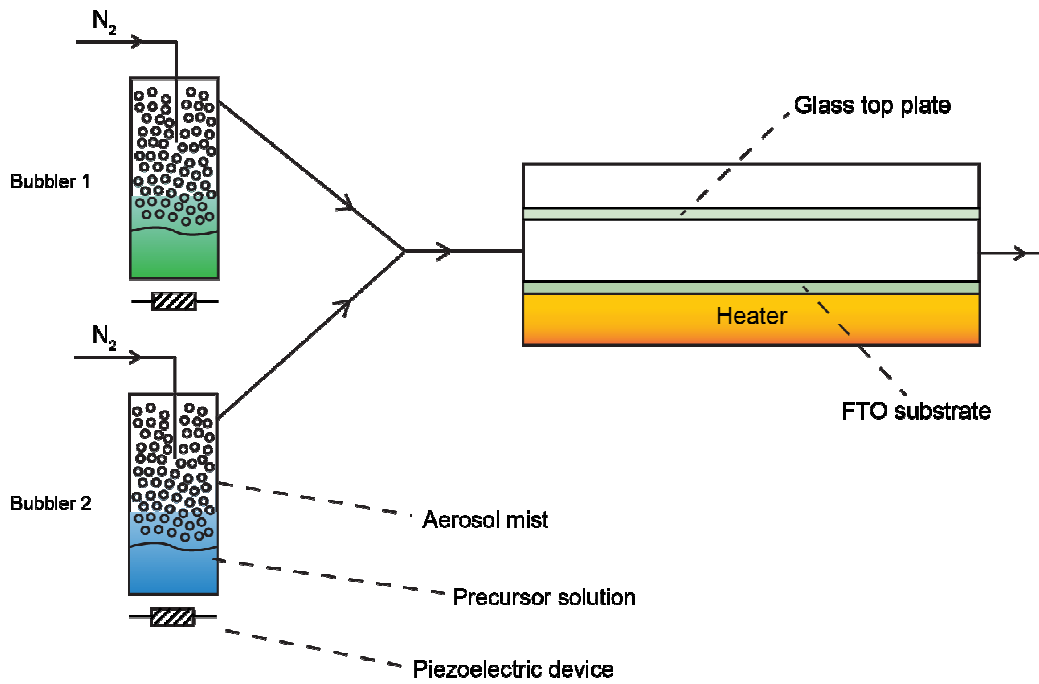


Figure S1: A schematic of the AACVD reactor used to coat glass substrates with ZnO and Cu doped ZnO.

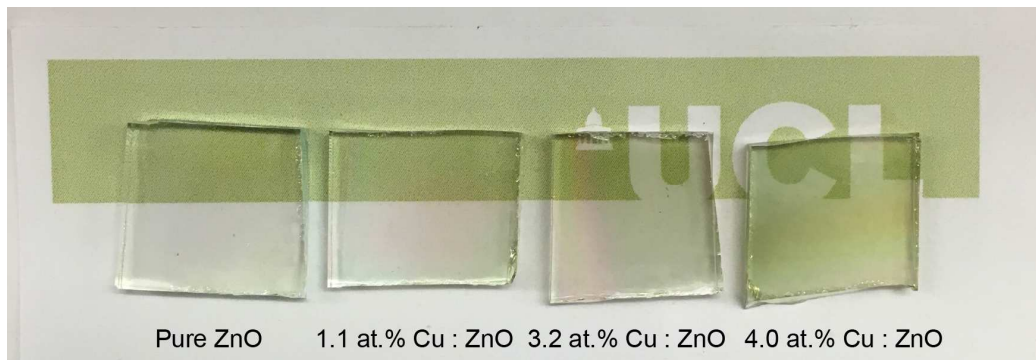


Figure S2: Photographs of the pure and Cu doped ZnO thin films showing high transparency in the visible.

**Table S1: EDS results for the Cu doped ZnO films.**

	Cu / at.%				Zn / at.%			
	Area 1	Area 2	Area 3	Average	Area 1	Area 2	Area 3	Average
2 mol.%	0.64	0.78	1.88	1.08	99.36	99.22	98.12	98.92
4 mol.%	2.38	3.50	3.99	3.24	97.62	96.50	96.01	96.76
8 mol.%	3.36	3.89	5.13	3.99	96.64	96.11	94.87	96.01