

Supplementary Data

SUPPLEMENTARY TABLE S1. COMPLETE LIST OF IDENTIFIED PEPTIDES IN COPPER ZINC SUPER OXIDE DISMUTASE

<i>Peptide sequence</i>	$[M+H]^+$	<i>m/z</i>
⁴ AVCVLKGDPVQGIINFEQK ^{23, a}	2172.1	725.3
¹⁰ GDGPVQGIINFEQK ²³	1501.7	751.7
²⁴ ESNGPVKVVWGSIK ³⁶	1400.8	701.3
⁸⁰ HVGDLGNVTADK ^{91, a}	1225.6	613.6
⁸⁰ HVGDLGNVTADKDGADV	3720.8	1241.6
SIEDSVISLSGDHCCIIGR ¹¹⁵		
³¹ VWGSIK ^{36, a}	689.4	345.3
⁹² DGVADVSIEDSVISLSGDHCCIIGR ^{115, a}	2514.2	839.2
¹¹⁶ TLVVHEK ^{122, a}	825.5	413.2
¹¹⁶ TLVVHEKADDLGK ¹²⁸	1242.8	713.3
¹²³ ADDLGKGGNEESTK ¹³⁶	1420.6	711.2
¹²³ ADDLGKGGNEESTKTGNAGSR ¹⁴³	2063.9	689.1
¹³⁷ TGNAGSRLACGVIGIAQ ¹⁵³	1644.8	823.3
¹⁴⁴ LACGVIGIAQ ^{153, a}	1001.5	1001.4

^apeptides are also found in corresponding oxidized form.

SUPPLEMENTARY TABLE S2. HYDROGEN PEROXIDE
LEVEL IN EXHALED BREATH

<i>H₂O₂ concentration in exhaled breath/exhaled breath condensate</i>	<i>Reference</i>
Normal: 0.024 ± 0.016 M Asthma: 0.127 ± 0.083 M (<i>p</i> < 0.001).	Emelyanov <i>et al.</i> Chest 2001; 120(4): 1136–9.
Normal: 0.2 μM [95% CI, 0.16 to 0.24 μM] Asthma: 0.67 μM [95% CI, 0.56 to 0.77 μM] (<i>p</i> < 0.0001)	Loukides <i>et al.</i> Chest 2002; 121(2): 338–46.
Normal: 0.59 ± 0.03 μM Asthma: 1.89 ± 0.07 μM (<i>p</i> < 0.001)	Ueno <i>et al.</i> Respirology 2008; 13, 654–663