Antitumor potential of new low molecular weight antioxidative preparations from the white rot fungus *Cerrena unicolor* against human colon cancer cells

Anna Matuszewska¹, Dawid Stefaniuk¹, Magdalena Jaszek¹, Mateusz Pięt², Adrian Zając³, Łukasz Matuszewski⁴, Iga Cios¹, Marcin Grąz¹, Roman Paduch⁵, Renata Bancerz¹

¹Department of Biochemistry, Maria Curie-Skłodowska University, Lublin, Poland

²Department of Virology and Immunology, Maria Curie-Skłodowska University, Lublin, Poland

³Department of Comparative Anatomy and Anthropology, Maria Curie-Skłodowska University, Lublin, Poland

⁴Department of Paediatric Orthopaedics and Rehabilitation, Medical University of Lublin, Poland

⁵Department of General Ophthalmology, Medical University of Lublin, Lublin, Poland

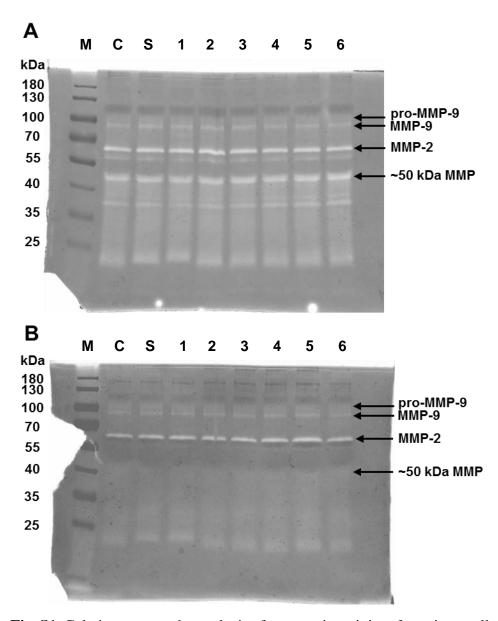


Fig. S1. Gelatin zymography analysis of enzymatic activity of matrix metalloproteinases MMP-2 and MMP-9 secreted by CCD 841 CoTr (A) and HT-29 (B) cells treated with fractions S and 1 - 6; M – molecular mass marker; C – control.

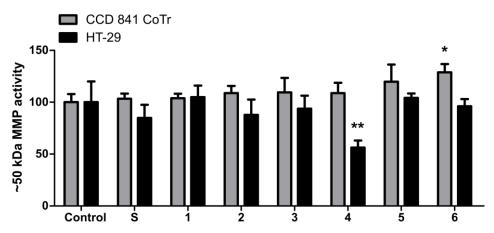


Fig. S2. Activity of ~50 kDa MMP secreted by CCD 841 CoTr and HT-29 cells.