Accepted Manuscript

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PII: S0016-5085(15)01194-4 DOI: 10.1053/j.gastro.2015.08.026

Reference: YGAST 59986

To appear in: Gastroenterology Accepted Date: 15 August 2015



Please cite this article as: Merza M, Hartman H, Rahman M, Hwaiz R, Zhang E, Renström E, Luo L, Mörgelin M, Regner S, Thorlacius H, Neutrophil Extracellular Traps Induce Trypsin Activation, Inflammation, and Tissue Damage in Mice with Severe Acute Pancreatitis, *Gastroenterology* (2015), doi: 10.1053/i.gastro.2015.08.026.

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Neutrophil Extracellular Traps Induce Trypsin Activation, Inflammation, and Tissue Damage in Mice with Severe Acute Pancreatitis

MOHAMMED MERZA^{1,*}, HANNES HARTMAN^{1,*}, MILLADUR RAHMAN¹, RUNDK HWAIZ¹, ENMING ZHANG², ERIK RENSTRÖM², LINGTAO LUO¹, MATTHIAS MÖRGELIN³, SARA REGNER¹ and HENRIK THORLACIUS^{1,#}

Department of Clinical Sciences, Section of ¹Surgery and ²Islet Pathophysiology, Malmö, 205 02 Malmö, ³Department of Clinical Sciences, Section of Infection Medicine, 221 00 Lund, Lund University, Sweden

Short title: Neutrophil extracellular traps and pancreatitis

Abbreviations: (AP) acute pancreatitis; (cf-DNA) cell free-deoxyribonucleic acid; (ELISA) enzyme-linked immunosorbent assay; (G) granule; (HMGB1) high-mobility groups protein 1; (IL-6) interleukin-6; (i.p.) intraperitoneal; (i.v.) intravenous; (Mac-1) macrophage-1 antigen; (MIP-2/CXCL2) macrophage inflammatory protein-2; (MMP-9) matrix metalloproteinase-9; (MPO) myeloperoxidase; (N) nucleaus; (NETs) neutrophil extracellular traps; (PBS) phosphate buffered saline; (PM) plasma membrane; (PMA) 12-phorbol 13-myristate acetate; (PMN) polymorphonuclear neutrophil; (PSA) polysialic acid; (ROS) reactive oxygen species; (RTU) relative trypsin units; (STAT3) signal transducer and activator of transcription 3

Conflict of interest: The authors state no conflict of interest

^{*}Authors contributed equally to this work

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