Supplementary Material

Figure S1. Selective silencing of Mcpip-1 gene in phagocytes of MCPIP1-Flox-M-Lys-CRE mice. The level of Mcpip-1 expression in neutrophils isolated from peritoneum of thioglycolate i.p. injected Control Mutant (CM) and Mcpip-1-KO (KO) mice, PMN derived from bone marrow, bone marrow derived macrophages (BMDMs), T and B lymphocytes isolated from the murine spleen was determined using Real-time PCR; the mean ± SEM; n=3-7.

A. Relative mean expression of apoptotic genes in murine neutrophils isolated from bone marrow of Control Mutant (CM) and Mcpip-1-KO (KO) mice. n=4 animals;
B. The graph represents a ratio between expression of Mcl-1 and Bim mRNA in murine neutrophils isolated from bone marrow ± SEM.
C. Neutrophils were double-stained with Annexin V and PI and subjected to FACS. A representative result of Annexin V positive cells is shown with the mean ± SEM.

Figure S2. MCPIP-1 regulates Mcl-1 in bone marrow neutrophils.
(A) Relative mean expression of apoptotic genes in murine neutrophils isolated from bone marrow of Control Mutant (CM) and Mcpip-1-KO (KO) mice. n=4 animals; (B) The graph represents a ratio between expression of Mcl-1 and Bim mRNA in murine neutrophils isolated from bone marrow ± SEM. (C) Neutrophils were double-stained with Annexin V and PI and subjected to FACS. A representative result of Annexin V positive cells is shown with the mean ± SEM.
Figure S3. Alignment of predicted miRNAs seeds regions that match the sequence of human MCPiP-I 3'UTRs and its orthologs. Human - Homo sapiens; Chimp - Pan troglodytes; Rhesus - Macaca mulatta; Squirrel - Spermophilus tridecemlineatus; Mouse - Mus musculus; Rat - Rattus norvegicus; Rabbit - Oryctolagus cuniculus; Pig - Sus scrofa; Cow - Bos taurus; Cat - Felis catus, Dog - Canis lupus familiaris, Big brown bat - Eptesicus fuscus, Elephant - Loxodonta africana; Opossum - Monodelphis domestica, Scarlet macaw - Ara macao, Chicken - Gallus gallus.