Supplementary Fig. S1. Correlation matrix analysis of clinical parameters, flow cytometry measures, and plasma biomarkers in sICH. Correlation matrix showing Spearman Rank Correlation range -1.0 to 1.0, n = 13 sICH patients admitted to the ICU. Parameters in correlation matrix analysis by category: 1] Clinical parameters: ICH-score on admission, GCS on day of FCM-analysis; 90-day modified Rankin Scale (mRS), neutrophil-lymphocyte ratio (NLR); 2] Radiological parameters on day of FCM-analysis: perihematomal edema (PHE)-vol and intraparenchymal hemorrhage (IPH)-vol (ml), midline shift (mm), modified Graebscore (mGS); 3] Flow cytometry parameters: cell surface DEspR+ expression levels (% or number # K/µL) on CD11b+ activated neutrophils (Ns), monocytes (Ms), and lymphocytes (Ls). 4] Plasma biomarkers reported to be elevated in sICH by others [interleukin-6 (IL-6), endothelin-1 (ET1), myeloperoxidase (MPO), terminal complex of complement (sC5b9), and number of copies of mitochondrial/nuclear DNA ratio (mt/nDNA). 5] NET-formation parameters: NET+Ns, NET-forming neutrophils; number (#) or % of circulating DEspR+CD11b+ NET-forming neutrophils. Data, Spearman correlation coefficients, 95% confidence intervals (CI) are listed in Supplementary Table S2.
Supplementary Table S3. Spearman rank correlation analysis of top-3 peripheral neutrophil-markers with clinical and radiological measures of sICH severity (n = 13).

| MARKER | Clinical Measures | Radiological PARAMETERS |
|--------|------------------|------------------------|
|        | t-1 GCS Score    | Admission ICH Score    | 90d mRS | t-1 IPH-vol | t-1 PHE-vol |
| t-1 # DEspR+CD11b+ Ns (K/µL) | $-0.75$ [0.012<sup>B</sup>] | $0.72$ [0.018<sup>B</sup>] | $0.83$ [0.003<sup>B</sup>] | 0.55 [n.s.] | 0.74 [0.018<sup>B</sup>] |
| t-1 # DEspR+CD11b+NET+ Ns (K/µL) | $-0.67$ [0.042<sup>B</sup>] | $0.69$ [0.033<sup>B</sup>] | $0.71$ [0.024<sup>B</sup>] | 0.71 [0.024<sup>B</sup>] | 0.67 [0.048<sup>B</sup>] |
| t-1 Neutrophil-to-Lymphocyte Ratio (NLR) | $-0.70$ [0.030<sup>B</sup>] | $0.69$ [0.030<sup>B</sup>] | $0.81$ [0.003<sup>B</sup>] | 0.46 [n.s.] | 0.73 [0.021<sup>B</sup>] |

**LEGEND:** Pilot Observational Study (single site) n = 13 subjects. Spearman Rank Order Correlation coefficient ($r$), with Bonferroni corrected $p$ value x 3, $p^B$.

t-1, day of flow cytometry analysis; # DEspR+CD11b+ Ns: total number (#) in K/µL of DespR+CD11b+ neutrophils (Ns); # DespR+CD11b+NET+ Ns: number of DespR+CD11b+ NET-forming Ns (% DespR+CD11b+ NET-forming Ns x total number of DespR+CD11b+ Ns); NLR: absolute neutrophil count/absolute lymphocyte ratio; GCS Score, Glasgow Coma Scale; ICH Score, admission intracerebral hemorrhage score; 90d-mRS, 90-day modified Ranking Scale-score; IPH-vol, intraparenchymal volume (ml); PHE-vol, penhematomatol edema volume (ml).

$r$, Spearman Correlation coefficient $rho$; $rho \geq 0.71$: $\alpha < 0.05$, power $> 0.8$ with $n = 13$ (bold red and boxed). Significant ($p < 0.05$) correlation, significant $r$, but power $< 0.8$ (blue font, not bold).