

Special Issue

Current Trends of Neutrophil Biology 2.0

Message from the Guest Editor

Research on neutrophil biology has been expanding recently. NETs formation, NETosis, and their role in diseases or their models is one such research area. Another area involves research on the fate of neutrophils during resolution, cell death, phagocytosis of dead neutrophils, and/or reverse migration. Upon inflammation, neutrophils are recruited to the site from the reservoirs by means of not only chemokines but also other mediators. Subsets of neutrophils have also been identified in various settings. Various hereditary diseases in mice and humans have also been described, unveiling the hitherto unrecognized regulatory mechanisms of neutrophil development. Taken together, I would like to urge researchers who have engaged in such research areas actively to provide along with their results, their thoughts and the current status of their research area, so that readers can enjoy reading innovative papers and that help predict the future directions of neutrophil biology. Keywords

- NETs
- Recruitment
- Resolution
- Cell death
- Phagocytosis
- Reverse migration
- Neutrophil subsets
- Hereditary diseases

Guest Editor

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