

Accepted Manuscript

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PII: S0301-472X(16)00006-0

DOI: [10.1016/j.exphem.2016.01.002](https://doi.org/10.1016/j.exphem.2016.01.002)

Reference: EXPHEM 3352

To appear in: *Experimental Hematology*

Received Date: 1 October 2015

Revised Date: 19 December 2015

Accepted Date: 6 January 2016

Please cite this article as: Wichert S, Pettersson Å, Hellmark T, Johansson Å, Hansson M, Phagocyte Function Decreases after High-Dose Treatment with Melphalan and Autologous Stem Cell Transplantation in Patients with Multiple Myeloma, *Experimental Hematology* (2016), doi: 10.1016/j.exphem.2016.01.002.

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Phagocyte Function Decreases after High-Dose Treatment with Melphalan and Autologous Stem Cell Transplantation in Patients with Multiple Myeloma

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CATEGORY: Immunobiology and Immunotherapy

ABSTRACT: 194 words

MANUSCRIPT: 3897 words

REFERENCES: 55

FIGURES: 4 (and 4 in the supplement)

TABLES: 2 (and 3 in the supplement)

KEY WORDS: Multiple myeloma, ASCT, Phagocyte function, Eosinophils, MDSCs

HIGHLIGHTS

- We examined changes in phagocyte phenotype and function after ASCT in MM patients.
- PMNs showed reduced capacity for phagocytosis and oxidative burst.
- Eosinophils were markedly reduced and slow to regenerate.
- HLA-DR expression by monocytes was significantly depressed.
- Several aspects of phagocytic functions are affected in MM patients after ASCT.

CONFLICTS OF INTERESTS: None

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