

Enrichment of Rabbit Primitive Hematopoietic Cells via MACS Depletion of CD45⁺ Bone Marrow Cells

Jaromír Vašíček^{1,2,*}, Andrej Baláži¹, Miroslav Bauer^{1,3}, Andrea Svoradová¹, Mária Tirpáková^{2,4}, Ľubomír Ondruška¹, Vladimír Parkányi¹, Alexander V. Makarevich¹ and Peter Chrenek^{1,2}

¹ Institute of Farm Animal Genetics and Reproduction, Research Institute for Animal Production Nitra, NPPC, Hlohovecká 2, 951 41 Lužianky, Slovakia; jaromir.vasicek@nppc.sk (J.V.); andrej.balazi@nppc.sk (A.B.); miroslav.bauer@nppc.sk (M.B.); andrea.svoradova@nppc.sk (A.S.); lubomir.ondruska@nppc.sk (L.O.); vladimir.parkanyi@nppc.sk (V.P.); alexander.makarevic@nppc.sk (A.V.M.); peter.chrenek@nppc.sk (P.CH.);

² Department of Biochemistry and Biotechnology, Faculty of Biotechnology and Food Science, Slovak University of Agriculture in Nitra, Tr. A. Hlinku 2, 949 76 Nitra, Slovakia; maria.tirpakova@uniag.sk

³ Department of Botany and Genetics, Faculty of Natural Sciences, Constantine the Philosopher University in Nitra, Nábřežie mládeže 91, 949 74 Nitra, Slovakia

⁴ AgroBioTech Research Center, Slovak University of Agriculture in Nitra, Tr. A. Hlinku 2, 949 76 Nitra, Slovakia

* Correspondence: jaromir.vasicek@nppc.sk; Tel.: +421-37-6546-600

Citation: Vašíček, J.; Baláži, A.; Bauer, M.; Svoradová, A.; Tirpáková, M.; Ondruška, L.; Parkányi, V.; Makarevich, A.V.; Chrenek, P. Enrichment of rabbit primitive hematopoietic cells *via* MACS depletion of CD45⁺ bone marrow cells. *Magnetochemistry* **2021**, *7*, 11. <https://doi.org/10.3390/magnetochemistry7010011>

Received: 29 November 2020

Accepted: 5 January 2021

Published: 13 January 2021

Publisher's Note: MDPI stays neutral with regard to jurisdictional claims in published maps and institutional affiliations.



Copyright: © 2021 by the authors. Submitted for possible open access publication under the terms and conditions of the Creative Commons Attribution (CC BY) license (<http://creativecommons.org/licenses/by/4.0/>).

Supplementary includes:

Table S1: Cell yield after MACS sorting.

Table S1. Cell yield after MACS sorting.

Sample	Initial Concentration (10 ⁶)	Concentration after MACS (NEG) (10 ⁶)	MACS Yield (NEG) %
1	100	2.0	2.00
2	100	1.6	1.60
3	100	2.4	2.40
4	120	3.7	3.08
5	120	2.4	2.00
6	100	3.1	3.10
7	140	4.6	3.29
8	100	2.6	2.60