

CURRICULUM VITAE

PERSONAL INFORMATION

Name: **Miroslava Kardošová**
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Nationality: Slovak
Date of birth: July 2, 1987, Považská Bystrica, Slovakia

EDUCATION AND DEGREES

From 2013 to present: Ph.D. student at the Institute of Molecular Genetics of the ASCR, Prague, Czech Republic
Department of Haemato-oncology
Supervisor: Meritxell Alberich-Jorda, Ph.D.

From 2008 to 2012 Master's degree in Immunology, Faculty of Science, Charles university, Prague, Czech republic
Diploma thesis: Regulation of the cytokine IL-33 production and its biological effects
Supervisor: prof. MUDr. Ilja Stříž, CSc.

From 2005 to 2008 Bachelor's degree in Biology, Faculty of Science, Charles university, Prague, Czech republic
Bachelor Thesis: Interleukin 33 - a new member of IL-1 family of cytokines
Supervisor: prof. MUDr. Ilja Stříž, CSc.

TEACHING AND POPULARIZATION

2018 Teaching part (2 lectures) of the course "Advances in Immunology" for undergraduate and graduate students, Faculty of Science, Charles University, Prague, Czech Republic

2017-2018 Master thesis consultant (student Marek Jedlička)

2015 article popularizing science: **Kardosova, M.** and Alberich-Jorda, M.: Léčba leukémie ovlivněním zdravých buněk. *Vesmír* 94(12): 671 (2015)

GRANTS

From 2015 to 2017 GAUK grant, project No.341015 (Role of the transcription factor C/EBP γ in emergency granulopoiesis)

COURSES AND WORKSHOPS

2018 course Elements of Science (Academy of Sciences in Czech republic)

2016 Prague cytometry workshop

2014 workshop Advanced immunophenotyping by flow cytometry

2013 training course to obtain Professional competence to design experiments and experimental projects using experimental animals, certificate No. CZ 01060

PUBLICATIONS

- Kardosova, M.**, Zjablovskaja, P., Danek, P., Angelisova, P., de Figueiredo-Pontes, L. L., Welner, R. S., Brdicka, T., Lee, S., Tenen, D. G. and Alberich-Jorda, M.: [C/EBP \$\gamma\$ is dispensable for steady-state and emergency granulopoiesis](#). *Haematologica* **103**, e331–e335 (2018).
- Hartmann, J. U., Bräuer-Hartmann, D., **Kardosova, M.**, Wurm, A. A., Wilke, F., Schödel, C., Gerloff, D., Katzerke, C., Krakowsky, R., Namasu, C. Y., Bill, M., Schwind, S., Müller-Tidow, C., Niederwieser, D., Alberich-Jorda, M. and Behre, G.: [MicroRNA-143 targets ERK5 in granulopoiesis and predicts outcome of patients with acute myeloid leukemia](#). *Cell Death Dis.* **9**, 814 (2018).
- Zjablovskaja, P., Danek, P., **Kardosova, M.** and Alberich-Jorda, M.: [Proliferation and differentiation of murine myeloid precursor 32D/G-CSF-R cells](#). *J. Vis. Exp.* (2018). doi:10.3791/57033
- Wurm, A. A., Zjablovskaja, P., **Kardosova, M.**, Gerloff, D., Bräuer-Hartmann, D., Katzerke, C., Hartmann, J. U., Benoukraf, T., Fricke, S., Hilger, N., Müller, A. M., Bill, M., Schwind, S., Tenen, D. G., Niederwieser, D., Alberich-Jorda, M. and Behre, G.: [Disruption of the C/EBP \$\alpha\$ - MiR-182 balance impairs granulocytic differentiation](#). *Nat. Commun.* **8**, 46 (2017).
- Zjablovskaja, P., **Kardosova, M.**, Danek, P., Angelisova, P., Benoukraf, T., Wurm, A. A., Kalina, T., Sian, S., Balastik, M., Delwel, R., Brdicka, T., Tenen, D. G., Behre, G., Fiore, F., Malissen, B., Horejsi, V. and Alberich-Jorda, M.: [EVI2B is a C/EBP \$\alpha\$ target gene required for granulocytic differentiation and functionality of hematopoietic progenitors](#). *Cell Death Differ.* **24**, 705–716 (2017).
- Gonzalez, D., Luyten, A., Bartholdy, B., Zhou, Q., **Kardosova, M.**, Ebralidze, A., Swanson, K. D., Radomska, H., Zhang, P., Kobayashi, S. S., Welner, R. S., Levantini, E., Steidl, U., Chong, G., Collombet, S., Choi, M. H., Friedman, A. D., ... Tenen, D. G.: [ZNF143 protein is an important regulator of the myeloid transcription factor C/EBP \$\alpha\$](#) . *J. Biol. Chem.* **292**, 18924–18936 (2017).

CONFERENCES

- 2018 Poster presentation at EMBL conference: Hematopoietic Stem Cells: From the Embryo to the Aging Organism at EMBL Heidelberg
- 2017 Poster presentation at 46th Annual Scientific Meeting ISEH (International Society for Experimental Hematology), Frankfurt
- 2017 Poster presentation at The 22nd Congress of European Hematology Association (EHA) in Madrid
- 2017 Oral presentation at 8th EMBRN (European Mast Cell and Basophil Research Network) International Mast Cell and Basophil Meeting, Prague
- 2017 Oral presentation at International Conference Analytical Cytometry IX in Prague
- 2016 2 Poster presentations at 58th ASH (The American Society of Hematology) Annual Meeting, San Diego
- 2016 Oral presentation at 12th EFIS-EJI Tatra Immunology Conference, Štrbské Pleso, Slovakia. Six best abstracts were selected for oral presentation.
- 2015 Poster presentation at The 20th Congress of European Hematology Association (EHA) in Vienna
- 2015 Oral presentation at V4 International Conference Analytical Cytometry VIII in Olomouc