CURRICULUM VITAE AND PUBLICATIONS LIST

CURRICULUM VITAE

Name and Surname: CANSU YILDIRIM YALÇIN

Academic Title: Assistant Professor

Work Address:

Email: cansu.yalcin@afsu.edu.tr

Area of Expertise: Molecular Biology and Genetics
Temel Bilimler > Yaşam Bilimleri > İmmünoloji > İmmünoloji
Temel Bilimler > Yaşam Bilimleri > Moleküler Biyoloji ve Genetik > Hücre Biyolojisi

Degree	Department/Program	University	Year
Doctorate			2015
Master's Degree			2009
Bachelor's Degree			2006

Position Title	Workplace	Year
Assistant Professor	Afyonkarahisar Health Sciences University	2021-Continues

Awards:

1. 2022 yılı Başarı Belgesi (2022)
2. Poster Award (2012)

PUBLICATIONS

A. Articles published in international peer-reviewed journals:

A1. Yıldırım Yalçın C., "Drug resistance in chronic myeloid leukemia: the involvement of Galectin-1 and Galectin-3", *Molecular Biology Reports*, vol. 53, 2026.

A2. Yıldırım Yalçın C., "Galectin-3 Release in the Bone Marrow Microenvironment Promotes Drug Resistance and Relapse in Acute Myeloid Leukemia", *LIFE-BASEL*, vol. 15, no. 6, 2025.

A3. Yıldırım Yalçın C., "Galectin-9, a pro-survival factor inducing immunosuppression, leukemic cell transformation and expansion", *MOLECULAR BIOLOGY REPORTS*, vol. 51, no. 1, 2024.

A4. Van Der Hoeven N. W., Hollander M. R., Yıldırım Yalçın C., Jansen M. F., Teunissen P. F., Horrevoets A. J., Van Der Pouw Kraan T. C., Van Royen N., "The emerging role of galectins in cardiovascular disease", *Vascular Pharmacology*, vol. 81, pp. 31-41, 2016.

A5. Favre J., Yıldırım Yalçın C., Leyen T. A., Chen W. J., Van Genugten R. E., Van Golen L. W., Garcia-vallejo J., Musters R., Baggen J., Fontijn R. vd., "Palmitic acid increases pro-oxidant adaptor protein p66Shc expression and affects vascularization factors in angiogenic mononuclear cells: Action of resveratrol", *Vascular Pharmacology*, vol. 75, pp. 7-18, 2015.

A6. Yıldırım Yalçın C., Nieuwenhuis S., Teunissen P. F., Horrevoets A. J., Van Royen N., Van Der Pouw Kraan T. C., "Interferon-Beta, a Decisive Factor in Angiogenesis and Arteriogenesis", *Journal of Interferon and Cytokine Research*, vol. 35, no. 6, pp. 411-420, 2015.

A7. Yıldırım Yalçın C., Vogel D. Y. S., Hollander M. R., Baggen J. M., Fontijn R. D., Nieuwenhuis S., Haverkamp A., De Vries M. R., Quax P. H. A., Garcia-vallejo J. J. vd., "Galectin-2 induces a proinflammatory, anti-arteriogenic phenotype in monocytes,

macrophages", *PLoS ONE*, vol. 10, no. 4, 2015.

A8. Yıldırım Yalçın C., Favre J., Weijers E. M., Fontijn R. D., Van Wijhe M. H., Van Vliet S. J., Boon R. A., Koolwijk P., Van Der Pouw Kraan T. C. T. M., Horrevoets A. J. G., "IFN-β affects the angiogenic potential of circulating angiogenic cells by activating calpain 1", *American Journal of Physiology - Heart and Circulatory Physiology*, vol. 309, no. 10, 2015.

A9. Van Der Pouw Kraan T. C., Bernink F. J., Yıldırım Yalçın C., Koolwijk P., Baggen J. M., Timmers L., Beek A. M., Diamant M., Chen W. J., Van Rossum A. C. vd., "Systemic toll-like receptor and interleukin-18 pathway activation in patients with acute ST elevation myocardial infarction", *Journal of Molecular and Cellular Cardiology*, vol. 67, pp. 94-102, 2014.

A10. Van Stuijvenberg L., Yıldırım Yalçın C., Kok B. G., Van Veen T. A., Varró A., Winckels S. K., Vos M. A., Bierhuizen M. F., "Alternative promoter usage and splicing of the human SCN5A gene contribute to transcript heterogeneity", *DNA and Cell Biology*, vol. 29, no. 10, pp. 577-587, 2010.

A11. Gerrits A., Koekman C., Yıldırım Yalçın C., Nieuwland R., Akkerman J. W. N., "Insulin inhibits tissue factor expression in monocytes", *Journal of Thrombosis and Haemostasis*, vol. 7, no. 1, pp. 198-205, 2009.

A12. Bierhuizen M. F., Boulaksil M., Van Stuijvenberg L., Van Der Nagel R., Jansen A. T., Mutsaers N. A., Yıldırım Yalçın C., Van Veen T. A., De Windt L. J., Vos M. A. vd., "In calcineurin-induced cardiac hypertrophy expression of Nav1.5, Cx40 and Cx43 is reduced by different mechanisms", *Journal of Molecular and Cellular Cardiology*, vol. 45, no. 3, pp. 373-384, 2008.

B. Papers presented at international scientific meetings and published in proceedings:

B1. Yıldırım Yalçın C., KLF4'ün T hücreli akut lenfoblastik lösemiye karşı koruyucu rolü, In: *3. Bilsel International Safranbolu Scientific Research Congress*, Karabük, Türkiye, 2026.

B2. Yıldırım Yalçın C., EVI1'in akut miyeloid lösemi patogenezine katkısı, In: *7. Bilsel International Turabdin Scientific Researches And Innovation Congress*, Mardin, Türkiye, 2026.

B3. Yıldırım Yalçın C., Kemik iliği stromal hücreleri, Galektin-3 aracılığıyla akut miyeloid lösemide kemoterapi direncini uyarır, In: *5. Bilsel International Sur Scientific Researches Congress*, Diyarbakır, Türkiye, 2025.

B4. Yıldırım Yalçın C., The role of Galectin-9/Tim-3 signaling in the immune escape of chronic lymphocytic leukemia cells, In: *12. International European Congress On Advanced Studies In Basic Sciences*, Albania, 2025.

B5. Yıldırım Yalçın C., Galectin-9 is part of the complex immune escape machinery in acute myeloid leukemia, In: *10. International European Congress On Advanced Studies In Basic Sciences*, Netherlands, 2024.

B6. Yıldırım Yalçın C., Vogel D. Y., Hollander M. R., Baggen J. M., Fontijn R. D., Nieuwenhuis S., Haverkamp A., De Vries M. R., Garcia Vallejo J. J., Ilarregui J. M. vd., Galectin-2 skews monocyte/macrophages to a pro-inflammatory, anti-arteriogenic phenotype, In: *5th International meeting on angiogenesis*, Netherlands, 2014, pp. 720.

B7. Yıldırım Yalçın C., Favre J., Fontijn R. D., Boon R. A., Van Wijhe M. H., Koolwijk P., Van Vliet S., Van Der Pouw-kraan T. C., Horrevoets A. J., Deleterious effect of IFN-ß on circulating pro-angiogenic cells is mediated by calpain 1, In: *3rd Rembrandt Symposium of the Rembrandt Institute for Cardiovascular Science*, Netherlands, 2012.

B8. Favre J., Yıldırım Yalçın C., Garcia-vallejo J., Fontijn R., Van Der Pouw-kraan T., Horrevoets A., Palmitic acid promotes pro-oxidant adaptor protein p66Shc expression in pro-angiogenic cells: Impact on vascularization factors, In: *The 2nd Rembrandt Symposium of the Rembrandt Institute for Cardiovascular Science*, Netherlands, 2011.

B9. Yıldırım Yalçın C., Van Der Pouw-kraan T., Baggen J., Fontijn R., Horrevoets A., MS451 IMMUNE MODULATION BY KLF2 TO IMPROVE COLLATERAL ARTERY DEVELOPMENT, In: *78th European Atherosclerosis Society (EAS) Congress*, Germany, 2010, pp. 201.

D. Articles published in national peer-reviewed journals:

D1. Yıldırım Yalçın C., "Galektin-3, prekürsör B-hücreli akut lenfoblastik lösemide ilaç direncini indükler", *Dicle Tıp Dergisi*, vol. 52, no. 4, 2025.