



## Key Publications

1. Bye A, et al. Circulating microRNAs predict future fatal myocardial infarction in healthy individuals - The HUNT study. 2016 J Mol Cell Cardiol.

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2. Kaudewitz D, et al. Association of MicroRNAs and YRNAs with Platelet Function. 2016 Circ Res.

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3. Mayr M, et al. MicroRNAs within the continuum of postgenomics biomarker discovery. 2013 Arterioscler Thromb Vasc Biol.

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4. Willeit P, et al. Circulating microRNAs as novel biomarkers for platelet activation. 2013 Circ Res.

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5. Zampetaki A, et al. Prospective study on circulating MicroRNAs and risk of myocardial infarction. 2012 J Am Coll Cardiol.

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6. Zampetaki A, et al. Plasma microRNA profiling reveals loss of endothelial miR-126 and other microRNAs in type 2 diabetes. 2010 Circ Res.

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7. Willeit P, et al. Circulating MicroRNA-122 Is Associated With The Risk of New-Onset Metabolic Syndrome And Type-2-Diabetes. 2016 Diabetes.

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8. Sunderland N, et al. MicroRNA Biomarkers and Platelet Reactivity: The Clot Thickens. 2017 Circ. Res.

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9. McManus D, et al. MicroRNA in platelet function and cardiovascular disease. 2015 Nat Rev Cardiol.

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10. Scherrer N, et al. MicroRNA 150-5p improves risk classification for mortality within 90 days after acute ischemic stroke. Journal of Stroke 2017; 19(3):323-332.

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11. Zampetaki A, et al. Angiogenic microRNAs Linked to Incidence and Progression of Diabetic Retinopathy in Type 1 Diabetes. 2016 Diabetes; 65(1): 216-227.

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12. Dai GH, et al. MicroRNA-223-3p Inhibits the Angiogenesis of Ischemic Cardiac Microvascular Endothelial Cells via Affecting RPS6KB1/hif-1a Signal Pathway. PLoS One. 2014 Oct 14;9(10):e108468.

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13. Dolz S, et al. Circulating MicroRNAs as Novel Biomarkers of Stenosis Progression in Asymptomatic Carotid Stenosis. Stroke. 2017 Jan;48(1):10-16.

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14. Fordham JB, et al. Regulation of miR-24, miR-30b, and miR-142-3p during macrophage and dendritic cell differentiation potentiates innate immunity. J Leukoc Biol. 2015 Aug;98(2):195-207.

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15. Harris TA, et al. MicroRNA-126 regulates endothelial expression of vascular cell adhesion molecule 1. Proc Natl Acad Sci U S A. 2008 Feb 5;105(5):1516-21.

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16. He A, et al. Overexpression of micro ribonucleic acid 29, highly up-regulated in diabetic rats, leads to insulin resistance in 3T3-L1 adipocytes. Mol Endocrinol. 2007 Nov;21(11):2785-94.

17. Jiménez-Lucena R, et al. Circulating miRNAs as Predictive Biomarkers of Type 2 Diabetes Mellitus Development in Coronary Heart Disease Patients from the CORDIOPREV Study. *Mol Ther Nucleic Acids*. 2018 Sep 7;12:146-157.

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18. Pordzik J, et al. The Potential Role of Platelet-Related microRNAs in the Development of Cardiovascular Events in High-Risk Populations, Including Diabetic Patients: A Review. *Front Endocrinol (Lausanne)*. 2018 Mar 20;9:74.

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19. Sommariva E, et al. MiR-320a as a Potential Novel Circulating Biomarker of Arrhythmogenic CardioMyopathy. *Sci Rep*. 2017 Jul 6;7(1):4802.

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20. Welten SM, et al. The multifactorial nature of microRNAs in vascular remodelling. *Cardiovasc Res*. 2016 May 1;110(1):6-22.

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21. Yang N, et al. MicroRNA-320 involves in the cardioprotective effect of insulin against myocardial ischemia by targeting survivin. *Cell Biochem Funct*. 2018 Apr;36(3):166-171.

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22. Yang J, et al. MicroRNA-24 regulates vascular remodeling via inhibiting PDGF-BB pathway in diabetic rat model. *Gene*. 2018 Jun 15;659:67-76.

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23. Edelstein LC, et al. MicroRNAs in platelet production and activation. *Blood*. 2011 May 19; 117(20): 5289–5296.

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24. Barwari T, et al. Inhibition of profibrotic microRNA-21 affects platelets and their releasate. *JCI Insight*. 2018 Nov 2;3(21)