

## **Petr Šíma, Bohumil Turek: Ateroskleróza jako imunitní onemocnění?**

**(Živa 2018, 3: 114–116)**

### ***Použitá a citovaná literatura:***

- ANDERSSON, John; LIBBY, Peter; HANSSON, Göran K. Adaptive immunity and atherosclerosis. *Clinical immunology*, 2010, 134.1: 33-46.
- BOBRY SHEV, Yuri V. Dendritic cells in atherosclerosis: current status of the problem and clinical relevance. *European Heart Journal*, 2005, 26.17: 1700-1704.
- BOBRY SHEV, Yuri V.; LORD, Reginald SA. Mapping of vascular dendritic cells in atherosclerotic arteries suggests their involvement in local immune-inflammatory reactions. *Cardiovascular research*, 1998, 37.3: 799-810.
- DAI, Guohao, et al. Distinct endothelial phenotypes evoked by arterial waveforms derived from atherosclerosis-susceptible and-resistant regions of human vasculature. *Proceedings of the National Academy of Sciences of the United States of America*, 2004, 101.41: 14871-14876.
- DUEWELL, Peter, et al. NLRP3 inflammasomes are required for atherogenesis and activated by cholesterol crystals. *Nature*, 2010, 464.7293: 1357-1361.
- EDFELDT, K., et al. Expression of toll-like receptors in human atherosclerotic lesions: a possible pathway for plaque activation. *Circulation*, 2002, 105.10: 1158-1161.
- FULL, Louise E.; RUISANCHEZ, Cristina; MONACO, Claudia. The inextricable link between atherosclerosis and prototypical inflammatory diseases rheumatoid arthritis and systemic lupus erythematosus. *Arthritis research & therapy*, 2009, 11.2: 217.
- GISTERÅ, Anton; HANSSON, Göran K. The immunology of atherosclerosis. *Nature Reviews Nephrology*, 2017, 13.6: 368.
- GLASS, Christopher K.; WITZTUM, Joseph L. Atherosclerosis. *Cell*, 2001, 104.4: 503-516.
- GORDON, Siamon. The macrophage: past, present and future. *European journal of immunology*, 2007, 37: Suppl.1, S9-S17.
- HANSSON, Göran K. Atherosclerosis – an immune disease: the Anitschkov Lecture 2007. *Atherosclerosis*, 2009, 202.1: 2-10.
- HAQUE, Sahena; MIRJAFARI, Hoda; BRUCE, Ian N. Atherosclerosis in rheumatoid arthritis and systemic lupus erythematosus. *Current opinion in lipidology*, 2008, 19.4: 338-343.
- HIRSCHFIELD, G. M.; PEPYS, M. B. C-reactive protein and cardiovascular disease: new insights from an old molecule. *Qjm*, 2003, 96.11: 793-807.
- KLEINDIENST, R., et al. Immunology of atherosclerosis. Demonstration of heat shock protein 60 expression and T lymphocytes bearing alpha/beta or gamma/delta receptor in human atherosclerotic lesions. *The American journal of pathology*, 1993, 142.6: 1927-1937.

- LIBBY, Peter. The molecular mechanisms of the thrombotic complications of atherosclerosis. *Journal of internal medicine*, 2008, 263.5: 517-527.
- MARTINON, Fabio; MAYOR, Annick; TSCHOPP, Jürg. The inflammasomes: guardians of the body. *Annual review of immunology*, 2009, 27: 229-265.
- MARTINEZ, Fernando O., et al. Transcriptional profiling of the human monocyte-to-macrophage differentiation and polarization: new molecules and patterns of gene expression. *The Journal of Immunology*, 2006, 177.10: 7303-7311.
- MAYERL, Christina, et al. Atherosclerosis research from past to present—on the track of two pathologists with opposing views, Carl von Rokitansky and Rudolf Virchow. *Virchows Archiv*, 2006, 449.1: 96-103.
- METHE, Heiko; WEIS, Michael. Atherogenesis and inflammation—was Virchow right? *Nephrology Dialysis Transplantation*, 2007, 22: 1823-1827.
- MILLER, Yury I., et al. Toll-like receptor 4–dependent and–independent cytokine secretion induced by minimally oxidized low-density lipoprotein in macrophages. *Arteriosclerosis, thrombosis, and vascular biology*, 2005, 25.6: 1213-1219.
- MOSSER, David M.; EDWARDS, Justin P. Exploring the full spectrum of macrophage activation. *Nature reviews immunology*, 2008, 8.12: 958-969.
- PALINSKI, W.; WITZTUM, J. L. Immune responses to oxidative neoepitopes on LDL and phospholipids modulate the development of atherosclerosis. *Journal of internal medicine*, 2000, 247.3: 371-380.
- PALINSKI, Wulf, et al. Increased autoantibody titers against epitopes of oxidized LDL in LDL receptor–deficient mice with increased atherosclerosis. *Arteriosclerosis, Thrombosis, and Vascular Biology*, 1995, 15.10: 1569-1576.
- POLEDNE, Rudolf. *Vražedný cholesterol*. Praha: Grada/Avicenum, 1993. ISBN 80-7169-001-5.
- RIDKER, Paul M., et al. Rosuvastatin to prevent vascular events in men and women with elevated C-reactive protein. *New England Journal of Medicine*, 2008, 359.21: 2195-2207.
- ROSS, Russell. Atherosclerosis—an inflammatory disease. *New England journal of medicine*, 1999, 340.2: 115-126.
- SALONEN, Jukka T., et al. Autoantibody against oxidised LDL and progression of carotid atherosclerosis. *The Lancet*, 1992, 339.8798: 883-887.
- SHALHOUB, Joseph, et al. Innate immunity and monocyte-macrophage activation in atherosclerosis. *Journal of inflammation*, 2011, 8.1: 9-26.
- SHOENFELD, Yehuda; HARATS, Dror; WICK, Georg (ed.). *Atherosclerosis and autoimmunity*. Elsevier, 2001.
- SONG, Li; LEUNG, Cynthia; SCHINDLER, Christian. Lymphocytes are important in early atherosclerosis. *The Journal of clinical investigation*, 2001, 108.2: 251-259.
- ŠÍMA, Petr, et al. Nutriční imunologie: modulace imunity složkami potravy. *Praktický lékař*, 2013, 93: 158-162.

WALDO, Stephen W., et al. Heterogeneity of human macrophages in culture and in atherosclerotic plaques. *The American journal of pathology*, 2008, 172.4: 1112-1126.

XU, Qingbo, et al. Association of serum antibodies to heat-shock protein 65 with carotid atherosclerosis: clinical significance determined in a follow-up study. *Circulation*, 1999, 100.11: 1169-1174.

YIN, Changjun, et al. Artery tertiary lymphoid organs: powerhouses of atherosclerosis immunity. *Frontiers in immunology*, 2016, 7: 387.