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| Порядковый номер ссылки | Авторы, название публикации и источника, где она опубликована, выходные данные | ФИО, название публикации и источника на английском | Полный интернет-адрес (URL) цитируемой статьи или ее doi. |
|  | Амчиславский Е.И. Соколов Д.И., Старикова Э.А., Фрейдлин И.С. Цитокиновый контроль ангиогенеза. Медицинская иммунология, 2003, Т. 5, № 5-6, стр 493-506 | Amtchislavski E.I., Sokolov D.I., Stanckova ЕЛ, Freidlin IS CYTOKINE CONTROL OF ANGIOGENESIS. Med.Immunol., 2003, vol.5, № 5-6, pp 493-506 | https://cyberleninka.ru/article/n/tsitokinovyy-kontrol-protsessa-angiogeneza |
|  | Anderson C.F.,Mosser D.M. A novel phenotype for an activated macrophage: the type 2 activated macrophage. J Leukoc Biol, 2002, Vol.72, no 1, pp. 101-106. |  | https://doi.org/10.1189/jlb.72.1.101 |
|  | Arango Duque G.,Descoteaux A. Macrophage cytokines: involvement in immunity and infectious diseases. Front Immunol, 2014, Vol.5, no, pp. 491. |  | 10.3389/fimmu.2014.00491 |
|  | Atsushi Sato H.O., Tomomi Tsumuraya, Dandan Song, Kenji Ohara, Masahide Asano,Yoichiro Iwakura T.A., Seiji Shioda. Interleukin-1 participates in the classical and alternative activation of microglia/macrophages after spinal cord injury. Journal of Neuroinflammation, 2012 no. |  | [10.1186/1742-2094-9-65](https://doi.org/10.1186/1742-2094-9-65) |
|  | Benest A.V., Salmon A.H., Wang W., Glover C.P., Uney J., Harper S.J.,Bates D.O. VEGF and angiopoietin-1 stimulate different angiogenic phenotypes that combine to enhance functional neovascularization in adult tissue. Microcirculation, 2006, Vol.13, no 6, pp. 423-37. |  | 10.1080/10739680600775940 |
|  | Berse B., Hunt J.A., Diegel R.J., Morganelli P., Yeo K., Brown F.,Fava R.A. Hypoxia augments cytokine (transforming growth factor-beta (TGF-beta) and IL-1)-induced vascular endothelial growth factor secretion by human synovial fibroblasts. Clin Exp Immunol, 1999, Vol.115, no 1, pp. 176-82. |  | [10.1046/j.1365-2249.1999.00775.x](https://doi.org/10.1046/j.1365-2249.1999.00775.x) |
|  | Boiocchi L., Vener C., Savi F., Bonoldi E., Moro A., Fracchiolla N.S., Iurlo A., Deliliers G.L., Coggi G., Bosari S.,Gianelli U. Increased expression of vascular endothelial growth factor receptor 1 correlates with VEGF and microvessel density in Philadelphia chromosome-negative myeloproliferative neoplasms. J Clin Pathol, 2011, Vol.64, no 3, pp. 226-31. |  | 10.1136/jcp.2010.083386 |
|  | Chatterjee P., Chiasson V.L., Bounds K.R.,Mitchell B.M. Regulation of the Anti-Inflammatory Cytokines Interleukin-4 and Interleukin-10 during Pregnancy. Front Immunol, 2014, Vol.5, no, pp. 253. |  | 10.3389/fimmu.2014.00253 |
|  | Chu L.H., Lee E., Bader J.S.,Popel A.S. Angiogenesis interactome and time course microarray data reveal the distinct activation patterns in endothelial cells. PLoS One, 2014, Vol.9, no 10, pp. e110871. |  | 10.1371/journal.pone.0110871 |
|  | Desai S.B.,Libutti S.K. Tumor angiogenesis and endothelial cell modulatory factors. J Immunother, 1999, Vol.22, no 3, pp. 186-211. |  | doi:10.1097/00002371-199905000-00002 |
|  | Dimmeler S.,Zeiher A.M. Endothelial cell apoptosis in angiogenesis and vessel regression. Circ Res, 2000, Vol.87, no 6, pp. 434-9. |  | [10.1161/01.res.87.6.434](https://doi.org/10.1161/01.res.87.6.434) |
|  | Fan Y., Ye J., Shen F., Zhu Y., Yeghiazarians Y., Zhu W., Chen Y., Lawton M.T., Young W.L.,Yang G.Y. Interleukin-6 stimulates circulating blood-derived endothelial progenitor cell angiogenesis in vitro. J Cereb Blood Flow Metab, 2008, Vol.28, no 1, pp. 90-8. |  | 10.1038/sj.jcbfm.9600509 |
|  | Fantin A., Vieira J.M., Gestri G., Denti L., Schwarz Q., Prykhozhij S., Peri F., Wilson S.W.,Ruhrberg C. Tissue macrophages act as cellular chaperones for vascular anastomosis downstream of VEGF-mediated endothelial tip cell induction. Blood, 2010, Vol.116, no 5, pp. 829-40. |  | 10.1182/blood-2009-12-257832 |
|  | Ferrara N., Gerber H.P.,LeCouter J. The biology of VEGF and its receptors. Nat Med, 2003, Vol.9, no 6, pp. 669-76. |  | 10.1038/nm0603-669 |
|  | Freidlin I.S., Sheikine Y.A. Endothelial cells as targets and producers of cytokines Med.Immunol., 2001, vol.3, N 4, pp 499-514 |  | <https://cyberleninka.ru/article/n/endotelialnye-kletki-v-kachestve-misheney-i-produtsentov-tsitokinov> |
|  | Gazzinelli R.T., Oswald I.P., James S.L.,Sher A. IL-10 inhibits parasite killing and nitrogen oxide production by IFN-gamma-activated macrophages. J Immunol, 1992, Vol.148, no 6, pp. 1792-6. |  | <https://www.jimmunol.org/content/148/6/1792.long> |
|  | Geva E., Ginzinger D.G., Zaloudek C.J., Moore D.H., Byrne A.,Jaffe R.B. Human placental vascular development: vasculogenic and angiogenic (branching and nonbranching) transformation is regulated by vascular endothelial growth factor-A, angiopoietin-1, and angiopoietin-2. J Clin Endocrinol Metab, 2002, Vol.87, no 9, pp. 4213-24. |  | 10.1210/jc.2002-020195 |
|  | Holzinger C., Weissinger E., Zuckermann A., Imhof M., Kink F., Schollhammer A., Kopp C.,Wolner E. Effects of interleukin-1, -2, -4, -6, interferon-gamma and granulocyte/macrophage colony stimulating factor on human vascular endothelial cells. Immunol Lett, 1993, Vol.35, no 2, pp. 109-17. |  | [10.1016/0165-2478(93)90078-g](https://doi.org/10.1016/0165-2478(93)90078-g) |
|  | Hsu C.W., Poche R.A., Saik J.E., Ali S., Wang S., Yosef N., Calderon G.A., Scott L., Jr., Vadakkan T.J., Larina I.V., West J.L.,Dickinson M.E. Improved Angiogenesis in Response to Localized Delivery of Macrophage-Recruiting Molecules. PLoS One, 2015, Vol.10, no 7, pp. e0131643. |  | 10.1371/journal.pone.0131643 |
|  | Huang S., Xie K., Bucana C.D., Ullrich S.E.,Bar-Eli M. Interleukin 10 suppresses tumor growth and metastasis of human melanoma cells: potential inhibition of angiogenesis. Clin Cancer Res, 1996, Vol.2, no 12, pp. 1969-79. |  | <https://www.ncbi.nlm.nih.gov/pubmed/9816156> |
|  | Hughes C.S., Postovit L.M.,Lajoie G.A. Matrigel: a complex protein mixture required for optimal growth of cell culture. Proteomics, 2010, Vol.10, no 9, pp. 1886-90. |  | 10.1002/pmic.200900758 |
|  | Jacob S.S., Shastry P.,Sudhakaran P.R. Monocyte-macrophage differentiation in vitro: modulation by extracellular matrix protein substratum. Mol Cell Biochem, 2002, Vol.233, no 1-2, pp. 9-17. |  | 10.1023/A:1015593232347 |
|  | Kalucka J., Bierhansl L., Wielockx B., Carmeliet P.,Eelen G. Interaction of endothelial cells with macrophages-linking molecular and metabolic signaling. Pflugers Arch, 2017, Vol.469, no 3-4, pp. 473-483. |  | 10.1007/s00424-017-1946-6 |
|  | Krakauer T.,Oppenheim J.J. IL-1 and tumor necrosis factor-alpha each up-regulate both the expression of IFN-gamma receptors and enhance IFN-gamma-induced HLA-DR expression on human monocytes and a human monocytic cell line (THP-1). J Immunol, 1993, Vol.150, no 4, pp. 1205-11. |  | https://www.jimmunol.org/content/150/4/1205.long |
|  | L'Vova T Y., Stepanova O.I., Okorokova L.S., Semenov V.A., Rebezova E.A., Sel'kov S.A.,Sokolov D.I. Effect of Monocyte-Like THP-1 Cells on the Formation of Vascular Tubes by EA.Hy926s Endothelial Cells in the Presence of Cytokines. Bull Exp Biol Med, 2015, Vol.159, no 1, pp. 146-51. |  | 10.1007/s10517-015-2911-z |
|  | Lukacs N.W., Strieter R.M., Elner V., Evanoff H.L., Burdick M.D.,Kunkel S.L. Production of chemokines, interleukin-8 and monocyte chemoattractant protein-1, during monocyte: endothelial cell interactions. Blood, 1995, Vol.86, no 7, pp. 2767-73. |  | https://www.ncbi.nlm.nih.gov/pubmed/7545470 |
|  | Lvova T.Y., Belyakova K.L., Sel'kov S.A.,Sokolov D.I. Effect of THP-1 Cells on the Formation of Vascular Tubes by Endothelial EA.hy926 Cells in the Presence of Placenta Secretory Products. Bull Exp Biol Med, 2017, Vol.162, no 4, pp. 545-551. |  | 10.1007/s10517-017-3657-6 |
|  | Lvova T.Y., Stepanova O.I., Viazmina L.P., Okorokova L.S., Belyakova K.L., Belikova M.E., Selkov S.A.,Sokolov D.I. Effect of Factors Secreted by the Placenta on Phenotype of THP-1 Cells Cultured on a 3D Scaffold. Bull Exp Biol Med, 2016, Vol.161, no 1, pp. 162-7. |  | 10.1007/s10517-016-3368-4 |
|  | Mantovani A., Sica A., Sozzani S., Allavena P., Vecchi A.,Locati M. The chemokine system in diverse forms of macrophage activation and polarization. Trends Immunol, 2004, Vol.25, no 12, pp. 677-86. |  | 10.1016/j.it.2004.09.015 |
|  | Martinez F.O., Sica A., Mantovani A.,Locati M. Macrophage activation and polarization. Front Biosci, 2008, Vol.13, no, pp. 453-61. |  | 10.2741/2692 |
|  | Middleton K., Jones J., Lwin Z.,Coward J.I. Interleukin-6: an angiogenic target in solid tumours. Crit Rev Oncol Hematol, 2014, Vol.89, no 1, pp. 129-39. |  | 10.1016/j.critrevonc.2013.08.004 |
|  | Moldovan L.,Moldovan N.I. Role of monocytes and macrophages in angiogenesis. EXS, 2005 no 94, pp. 127-46. |  | 10.1007/3-7643-7311-3\_9 |
|  | Moore K.W., de Waal Malefyt R., Coffman R.L.,O'Garra A. Interleukin-10 and the interleukin-10 receptor. Annu Rev Immunol, 2001, Vol.19, no, pp. 683-765. |  | 10.1146/annurev.immunol.19.1.683 |
|  | Nagpal M., Nagpal K.,Nagpal P.N. A comparative debate on the various anti-vascular endothelial growth factor drugs: pegaptanib sodium (Macugen), ranibizumab (Lucentis) and bevacizumab (Avastin). Indian J Ophthalmol, 2007, Vol.55, no 6, pp. 437-9. |  | [10.4103/0301-4738.36478](https://doi.org/10.4103/0301-4738.36478) |
|  | Ngok S.P., Geyer R., Liu M., Kourtidis A., Agrawal S., Wu C., Seerapu H.R., Lewis-Tuffin L.J., Moodie K.L., Huveldt D., Marx R., Baraban J.M., Storz P., Horowitz A.,Anastasiadis P.Z. VEGF and Angiopoietin-1 exert opposing effects on cell junctions by regulating the Rho GEF Syx. J Cell Biol, 2012, Vol.199, no 7, pp. 1103-15. |  | 10.1083/jcb.201207009 |
|  | Nilsson M.B., Langley R.R.,Fidler I.J. Interleukin-6, secreted by human ovarian carcinoma cells, is a potent proangiogenic cytokine. Cancer Res, 2005, Vol.65, no 23, pp. 10794-800. |  | 10.1158/0008-5472.CAN-05-0623 |
|  | Papetti M.,Herman I.M. Mechanisms of normal and tumor-derived angiogenesis. Am J Physiol Cell Physiol, 2002, Vol.282, no 5, pp. C947-70. |  | 10.1152/ajpcell.00389.2001 |
|  | Patterson C., Perrella M.A., Endege W.O., Yoshizumi M., Lee M.E.,Haber E. Downregulation of vascular endothelial growth factor receptors by tumor necrosis factor-alpha in cultured human vascular endothelial cells. J Clin Invest, 1996, Vol.98, no 2, pp. 490-6. |  | 10.1172/JCI118816 |
|  | Pavlov O.V., Niauri D.A., Selutin A.V.,Selkov S.A. Coordinated expression of TNFalpha- and VEGF-mediated signaling components by placental macrophages in early and late pregnancy. Placenta, 2016, Vol.42, no, pp. 28-36. |  | 10.1016/j.placenta.2016.04.008 |
|  | Rakocevic J., Orlic D., Mitrovic-Ajtic O., Tomasevic M., Dobric M., Zlatic N., Milasinovic D., Stankovic G., Ostojic M.,Labudovic-Borovic M. Endothelial cell markers from clinician's perspective. Exp Mol Pathol, 2017, Vol.102, no 2, pp. 303-313. |  | 10.1016/j.yexmp.2017.02.005 |
|  | Ribatti D., Nico B., Crivellato E.,Vacca A. Macrophages and tumor angiogenesis. Leukemia, 2007, Vol.21, no 10, pp. 2085-9. |  | 10.1038/sj.leu.2404900 |
|  | Schmidt T.,Carmeliet P. Blood-vessel formation: Bridges that guide and unite. Nature, 2010, Vol.465, no 7299, pp. 697-9. |  | 10.1038/465697a |
|  | Schoppmann S.F., Birner P., Stockl J., Kalt R., Ullrich R., Caucig C., Kriehuber E., Nagy K., Alitalo K.,Kerjaschki D. Tumor-associated macrophages express lymphatic endothelial growth factors and are related to peritumoral lymphangiogenesis. Am J Pathol, 2002, Vol.161, no 3, pp. 947-56. |  | 10.1016/S0002-9440(10)64255-1 |
|  | Schubert S.Y., Benarroch A., Monter-Solans J.,Edelman E.R. Primary monocytes regulate endothelial cell survival through secretion of angiopoietin-1 and activation of endothelial Tie2. Arterioscler Thromb Vasc Biol, 2011, Vol.31, no 4, pp. 870-5. |  | 10.1161/ATVBAHA.110.218255 |
|  | Scott B.B., Zaratin P.F., Gilmartin A.G., Hansbury M.J., Colombo A., Belpasso C., Winkler J.D.,Jackson J.R. TNF-alpha modulates angiopoietin-1 expression in rheumatoid synovial fibroblasts via the NF-kappa B signalling pathway. Biochem Biophys Res Commun, 2005, Vol.328, no 2, pp. 409-14. |  | 10.1016/j.bbrc.2004.12.180 |
|  | Sokolov D.I., Kolobov A.V., Pecherina L.V., Kramareva N.L., Mozgovaya E.V., Kvetnoi I.M.,Selkov S.A. Expression of VEGF and VEGF-R3 receptor by placental endothelial cells in health and gestosis. Bulletin of Experimental Biology and Medicine, 2008, Vol.145, no 3, pp. 348-351. |  | 10.1007/s10517-008-0088-4 |
|  | Srabovic N., Mujagic Z., Mujanovic-Mustedanagic J., Softic A., Muminovic Z., Rifatbegovic A.,Begic L. Vascular endothelial growth factor receptor-1 expression in breast cancer and its correlation to vascular endothelial growth factor a. Int J Breast Cancer, 2013, Vol.2013, no, pp. 746749. |  | 10.1155/2013/746749 |
|  | Sullivan D.E., Ferris M., Nguyen H., Abboud E.,Brody A.R. TNF-alpha induces TGF-beta1 expression in lung fibroblasts at the transcriptional level via AP-1 activation. J Cell Mol Med, 2009, Vol.13, no 8B, pp. 1866-76. |  | 10.1111/j.1582-4934.2009.00647.x |
|  | Sunderkotter C., Steinbrink K., Goebeler M., Bhardwaj R.,Sorg C. Macrophages and angiogenesis. J Leukoc Biol, 1994, Vol.55, no 3, pp. 410-22. |  | [10.1002/jlb.55.3.410](https://doi.org/10.1002/jlb.55.3.410) |
|  | Sutterwala F.S., Noel G.J., Salgame P.,Mosser D.M. Reversal of proinflammatory responses by ligating the macrophage Fcgamma receptor type I. J Exp Med, 1998, Vol.188, no 1, pp. 217-22. |  | [10.1084/jem.188.1.217](https://dx.doi.org/10.1084%2Fjem.188.1.217) |
|  | Takahashi S. Vascular Endothelial Growth Factor (VEGF), VEGF Receptors and Their Inhibitors for Antiangiogenic Tumor Therapy. 2011;34(12):1785-8 |  | [10.1248/bpb.34.1785](https://doi.org/10.1248/bpb.34.1785) |
|  | Terasaki H., Kase S., Shirasawa M., Otsuka H., Hisatomi T., Sonoda S., Ishida S., Ishibashi T.,Sakamoto T. TNF-alpha decreases VEGF secretion in highly polarized RPE cells but increases it in non-polarized RPE cells related to crosstalk between JNK and NF-kappaB pathways. PLoS One, 2013, Vol.8, no 7, pp. e69994. |  | 10.1371/journal.pone.0069994 |
|  | Voronov E., Carmi Y.,Apte R.N. The role IL-1 in tumor-mediated angiogenesis. Front Physiol, 2014, Vol.5, no, pp. 114. |  | 10.3389/fphys.2014.00114 |
|  | Weisser S.B., McLarren K.W., Kuroda E.,Sly L.M. Generation and characterization of murine alternatively activated macrophages. Methods Mol Biol, 2013, Vol.946, no, pp. 225-39. |  | 10.1007/978-1-62703-128-8\_14 |
|  | Wesley R.B., 2nd, Meng X., Godin D.,Galis Z.S. Extracellular matrix modulates macrophage functions characteristic to atheroma: collagen type I enhances acquisition of resident macrophage traits by human peripheral blood monocytes in vitro. Arterioscler Thromb Vasc Biol, 1998, Vol.18, no 3, pp. 432-40. |  | [10.1161/01.atv.18.3.432](https://doi.org/10.1161/01.atv.18.3.432) |
|  | Yang H., Li M., Chai H., Yan S., Zhang R., Yao Q.,Chen C. Expression and regulation of neuropilins and VEGF receptors by TNF-alpha in human endothelial cells. J Surg Res, 2004, Vol.122, no 2, pp. 249-55. |  | 10.1016/j.jss.2004.05.007 |
|  | Zhang Z., Neiva K.G., Lingen M.W., Ellis L.M.,Nor J.E. VEGF-dependent tumor angiogenesis requires inverse and reciprocal regulation of VEGFR1 and VEGFR2. Cell Death Differ, 2010, Vol.17, no 3, pp. 499-512. |  | 10.1038/cdd.2009.152 |
|  | Zhao Y.,Adjei A.A. Targeting Angiogenesis in Cancer Therapy: Moving Beyond Vascular Endothelial Growth Factor. Oncologist, 2015, Vol.20, no 6, pp. 660-73. |  | 10.1634/theoncologist.2014-0465 |