

Aronia Scientific Articles – Women’s Health
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Title	Authors	Reference	URL Link
Triterpene Acid (3-O-p-Coumaroyltormentic Acid) Isolated From Aronia Extracts Inhibits Breast Cancer Stem Cell Formation through Downregulation of c-Myc Protein	Choi HS, Kim SL, Kim JH, Deng HY, Yun BS, Lee DS.	Int J Mol Sci. 2018 Aug 26;19(9):2528. doi: 10.3390/ijms19092528.	Triterpene Acid (3-O-p-Coumaroyltormentic Acid) Isolated From Aronia Extracts Inhibits Breast Cancer Stem Cell Formation through Downregulation of c-Myc Protein (nih.gov)
Catechol derived from aronia juice through lactic acid bacteria fermentation inhibits breast cancer stem cell formation via modulation Stat3/IL-6 signaling pathway	Choi HS, Kim JH, Kim SL, Deng HY, Lee D, Kim CS, Yun BS, Lee DS.	Mol Carcinog. 2018 Nov;57(11):1467-1479. doi: 10.1002/mc.22870. Epub 2018 Jul 18.	Catechol derived from aronia juice through lactic acid bacteria fermentation inhibits breast cancer stem cell formation via modulation Stat3/IL-6 signaling pathway - Choi - 2018 - Molecular Carcinogenesis - Wiley Online Library
Chemotherapy modulates the biological activity of breast cancer patients plasma: the protective properties of black chokeberry extract	Kędzierska M, Malinowska J, Kontek B, Kołodziejczyk-Czepas J, Czernek U, Potemski P, Piekarski J, Jeziorski A, Olas B.	Food Chem Toxicol. 2013 Mar;53:126-32. doi: 10.1016/j.fct.2012.11.042. Epub 2012 Dec 5.	Chemotherapy modulates the biological activity of breast cancer patients plasma: The protective properties of black chokeberry extract - ScienceDirect
Changes in plasma thiol levels induced by different phases of treatment in breast cancer; the role of commercial extract from black chokeberry	Kędzierska M, Głowacki R, Czernek U, Szydłowska-Pazera K, Potemski P, Piekarski J, Jeziorski A, Olas B.	Mol Cell Biochem. 2013 Jan;372(1-2):47-55. doi: 10.1007/s11010-012-1444-2. Epub 2012 Sep 5.	Changes in plasma thiol levels induced by different phases of treatment in breast cancer; the role of commercial extract from black chokeberry SpringerLink
Effects of the commercial extract of aronia on oxidative stress in blood platelets isolated from breast cancer patients after the surgery and various phases of the chemotherapy	Kedzierska M, Olas B, Wachowicz B, Glowacki R, Bald E, Czernek U, Szydłowska-Pazera K,	Fitoterapia. 2012 Mar;83(2):310-7. doi: 10.1016/j.fitote.2011.11.007. Epub 2011 Nov 12.	Effects of the commercial extract of aronia on oxidative stress in blood platelets isolated from breast cancer patients after the surgery and various

	Potemski P, Piekarski J, Jeziorski A.		phases of the chemotherapy - ScienceDirect
Chokeberry (<i>Aronia melanocarpa</i>) juice modulates 7,12-dimethylbenz[a]anthracene induced hepatic but not mammary gland phase I and II enzymes in female rats	Szaefer H, Krajka-Kuźniak V, Ignatowicz E, Adamska T, Baer-Dubowska W.	Environ Toxicol Pharmacol. 2011 Mar;31(2):339-46. doi: 10.1016/j.etap.2010.12.006. Epub 2011 Jan 18.	Chokeberry (<i>Aronia melanocarpa</i>) juice modulates 7,12-dimethylbenz[a]anthracene induced hepatic but not mammary gland phase I and II enzymes in female rats - ScienceDirect
The nitrative and oxidative stress in blood platelets isolated from breast cancer patients: the protectory action of aronia melanocarpa extract	Kedzierska M, Olas B, Wachowicz B, Stochmal A, Oleszek W, Jeziorski A, Piekarski J.	Platelets. 2010;21(7):541-8. doi: 10.3109/09537104.2010.492534.	The nitrative and oxidative stress in blood platelets isolated from breast cancer patients: The protectory action of aronia melanocarpa extract: Platelets: Vol 21, No 7 (tandfonline.com)
An extract from berries of <i>Aronia melanocarpa</i> modulates the generation of superoxide anion radicals in blood platelets from breast cancer patients	Kedzierska M, Olas B, Wachowicz B, Stochmal A, Oleszek W, Jeziorski A, Piekarski J, Glowacki R.	Planta Med. 2009 Oct;75(13):1405-9. doi: 10.1055/s-0029-1185718. Epub 2009 May 14.	Thieme E-Journals - Planta Medica / Abstract (thieme-connect.com)
Studies on antioxidant properties of polyphenol-rich extract from berries of <i>Aronia melanocarpa</i> in blood platelets	Olas B, Wachowicz B, Nowak P, Kedzierska M, Tomczak A, Stochmal A, Oleszek W, Jeziorski A, Piekarski J.	J Physiol Pharmacol. 2008 Dec;59(4):823-35.	Studies on antioxidant properties of polyphenol-rich extract from berries of <i>Aronia melanocarpa</i> in blood platelets. - Abstract - Europe PMC
Evaluation of the immunomodulatory activity of <i>Aronia</i> in combination with apple pectin in patients with breast cancer undergoing postoperative radiation therapy	Yaneva MP, Botushanova AD, Grigorov LA, Kokov JL, Todorova EP, Krachanova MG.	Folia Med (Plovdiv). 2002;44(1-2):22-5.	Evaluation of the immunomodulatory activity of <i>Aronia</i> in combination with apple pectin in patients with breast cancer undergoing postoperative radiation therapy - PubMed (nih.gov)
Anthocyanin-rich <i>Aronia melanocarpa</i> extract improves body	Sonoda K, Aoi W, Iwata T, Li Y.	Springerplus. 2013 Nov 21;2:626. doi: 10.1186/2193-1801-2-626. eCollection 2013.	Anthocyanin-rich <i>Aronia melanocarpa</i> extract improves body temperature maintenance in healthy women with a

temperature maintenance in healthy women with a cold constitution			cold constitution SpringerPlus Full Text (springeropen.com)
Administration of natural anthocyanins derived from chokeberry retardation of idiopathic and preeclamptic origin. Influence on metabolism of plasma oxidized lipoproteins: the role of autoantibodies to oxidized low density lipoproteins]	Pawłowicz P, Wilczyński J, Stachowiak G, Hincz P.	Ginekol Pol. 2000 Aug;71(8):848-53.	[Administration of natural anthocyanins derived from chokeberry retardation of idiopathic and preeclamptic origin. Influence on metabolism of plasma oxidized lipoproteins: the role of autoantibodies to oxidized low density lipoproteins] - PubMed (nih.gov)