

Phillip Munson, Ying-Wai Lam, Julie Dragon, Maximilian MacPherson and Arti Shukla. Exosomes from asbestos-exposed cells modulate gene expression in mesothelial cells.

ASEB J. 32, 000–000 (2018). www.fasebj.org [Fulltext](#)

Tan, E., Asada, H.H. & Ge, R. Extracellular vesicle-carried Jagged-1 inhibits HUVEC sprouting in a 3D microenvironment. *Angiogenesis* (2018). doi.org/10.1007/s10456-018-9609-6 [Abstract](#)

Xiao-fen Ruan, Cheng-wei Ju, Yan Shen, Yu-tao Liu, Il-man Kim, Hong Yu, Neal Weintraub, Xiao-long Wang & Yao-liang Tang. Suxiao Jiuxin pill promotes exosome secretion from mouse cardiac mesenchymal stem cells in vitro. *Acta Pharmacologica Sinica*

doi:10.1038/aps.2018.19 [Abstract](#)

Xiao-fen Ruan, Yong-jun Li, Cheng-wei Ju, Yan Shen, Wei Lei, Can Chen, Yang Li, Hong Yu, Yu-tao Liu, Il-man Kim, Xiao-long Wang, Neal L Weintraub & Yao-liang Tang. Exosomes from Suxiao Jiuxin Pill-treated cardiac mesenchymal stem cells decrease H3K27 demethylase UTX expression in mouse cardiomyocytes in vitro. *Acta Pharmacologica Sinica*

doi:10.1038/aps.2018.18 [Abstract](#)

YANG Ting Ting, LIU Chen Geng, GAO Shi Chao, ZHANG Yi, WANG Pei Chang. The Serum Exosome Derived MicroRNA-135a, -193b, and -384 Were Potential Alzheimer's Disease Biomarkers. *Biomedical and Environmental Sciences*, 2018, 31(2): 87-96. DOI:

10.3967/bes2018.011 [Fulltext](#)

Amrita Datta Chaudhuri, Raha M. Dastgheyb, Seung-Wan Yoo, Amanda Trout, C. Conover Talbot Jr, Haiping Hao, Kenneth W. Witwer & Norman J. Haughey. TNF α and IL-1 β modify the miRNA cargo of astrocyte shed extracellular vesicles to regulate neurotrophic signaling in neurons. *Cell Death & Disease*, volume 9, Article number: 363 (2018), doi:10.1038/s41419-018-

0369-4 [Fulltext](#)

Wu J, Tao Z, Deng Y, Liu Q1, Liu Y, Guan X, Wang X. Calcifying nanoparticles induce cytotoxicity mediated by ROS-JNK signaling pathways. *Urolithiasis*. 2018 Mar 6. doi:

10.1007/s00240-018-1048-8. [Epub ahead of print] [PubMed](#)

Jeon H, Yoo SM, Choi HS, Mun JY, Kang HG, Lee J, Park J, Gao SJ, Lee MS. Extracellular vesicles from KSHV-infected endothelial cells activate the complement system. *Oncotarget*. 2017

Oct 9;8(59):99841-99860. doi: 10.18632/oncotarget.21668. eCollection 2017 Nov 21. [Fulltext](#)

Jeon H, Yoo SM, Choi HS, Mun JY, Kang HG, Lee J, Park J, Gao SJ, Lee MS. Extracellular vesicles from KSHV-infected endothelial cells activate the complement system. *Oncotarget*. 2017 Oct 9;8(59):99841-99860. doi: 10.18632/oncotarget.21668. eCollection 2017 Nov 21. [Fulltext](#)

Ryan P. McNamara, Lindsey M. Costantini, T. Alix Myers, Blake Schouest, Nicholas J. Maness, Jack D. Griffith, Blossom A. Damania, Andrew G. MacLean, Dirk P. Dittmer. Nef Secretion into Extracellular Vesicles or Exosomes Is Conserved across Human and Simian Immunodeficiency Viruses, doi: 10.1128/mBio.02344-17, 6 February 2018 mBio vol. 9 no. 1 e02344-17 [Fulltext](#)

Yuting Liang, Longwei Qiao, Xia Peng, Zelin Cui, Yue Yin, Huanjin Liao, Min Jiang, Li Li. The chemokine receptor CCR1 is identified in mast cell-derived exosomes, *Am J Transl Res* 2018;10(2):352-367, 8; Published February 2018 [Fulltext](#)

Nasibeh Karimi, Aleksander Cvjetkovic, Su Chul Jang, Rossella Crescitelli, Mohammad Ali Hosseinpour Feizi, Rienk Nieuwland, Jan Lötvall, Cecilia Lässer. Detailed analysis of the plasma extracellular vesicle proteome after separation from lipoproteins, *Cell. Mol. Life Sci.* (2018). doi.org/10.1007/s00018-018-2773-4, First Online: 13 February 2018 [Fulltext](#)

Alexander J. Lakhter, Rachel E. Pratt, Rachel E. Moore, Kaitlin K. Doucette, Bernhard F. Maier, Linda A. Di Meglio, Emily K. Sims. Beta cell extracellular vesicle miR-21-5p cargo is increased in response to inflammatory cytokines and serves as a biomarker of type 1 diabetes, *Diabetologia* (2018). doi.org/10.1007/s00125-018-4559-5 [Fulltext](#)

A. Weber, L. Cardone, S. S. Liu, A. L. Büttner, P. Rellecke, S. Sixt, A. Lichtenberg, P. Akhyari. Evaluation of Circulating Exosomes to Predict Emerging Valve Prosthesis-patient Mismatches after Surgical Aortic Valve Replacement, *Thorac cardiovasc Surg* 2018; 66(S 01): S1-S110, DOI: 10.1055/s-0038-1628013 [Fulltext](#)

A. Weber, L. Lageveen, Y. M. Lee, P. Rellecke, A. Assmann, S. Sixt, P. Horn, M. M. Cortese-Krott, A. Albert, A. Lichtenberg, P. Akhyari. Evaluation of Circulating Microparticles and Exosomes as Potential Biomarkers for Left Ventricular Hypertrophy in the Course of Aortic Valve Replacement, *Thorac cardiovasc Surg* 2018; 66(S 01): S1-S110, DOI: 10.1055/s-0038-1627992 [Fulltext](#)

Zhang, Q., Fu, L., Liang, Y., Guo, Z., Wang, L., Ma, C. and Wang, H. Exosomes originating from MSCs stimulated with TGF- β and IFN- γ promote Treg differentiation, *Cell Physiol.* Accepted Author Manuscript. doi:10.1002/jcp.26436, Accepted manuscript online: 16 January 2018 [Abstract](#)

Hanzi Xu, Zhen Gong, Yang Shen, Yichen Fang & Shanliang Zhong . Circular RNA expression in extracellular vesicles isolated from serum of patients with endometrial cancer, *Epigenomics* Vol. 10, No. 2 Research Article, Published Online: 15 Jan 2018 [doi.org/10.2217/epi-2017-](https://doi.org/10.2217/epi-2017-0109)

0109 [Fulltext](#)

Katherine A. Ruppert, Tin T. Nguyen, Karthik S. Prabhakara, Naama E. Toledano Furman, Amit K. Srivastava, Matthew T. Harting, Charles S. Cox Jr. & Scott D. Olson. Human Mesenchymal Stromal Cell-Derived Extracellular Vesicles Modify Microglial Response and Improve Clinical Outcomes in Experimental Spinal Cord Injury, *Scientific Reports* volume 8, Article number: 480 (2018), doi:10.1038/s41598-017-18867-w Published online: 11 January

2018 [Fulltext](#)

Peiyao Li, Jianbo Feng, Yang Liu, Qiang Liu, Li Fan, Qing Liu, Xiaoling She, Changhong Liu, Tao Liu, Chunhua Zhao, Wei Wang, Guiyuan Li and Minghua Wu. Novel Therapy for Glioblastoma Multiforme by Restoring LRRC4 in Tumor Cells: LRRC4 Inhibits Tumor-Infiltrating Regulatory T Cells by Cytokine and Programmed Cell Death 1-Containing Exosomes, Original Research ARTICLE, *Front. Immunol.*, 11 December

2017 doi.org/10.3389/fimmu.2017.01748 [Fulltext](#)

Jennifer Klump MD, Ulrike Phillipp, Marie Follo PhD, Anna Eremin MSc, Hannes Lehmann MD, Sigrun Nestel, Nikolas von Bubnoff Prof. Dr., Irina Nazarenko PD . Extracellular vesicles or free circulating DNA: where to search for BRAF and cKIT mutations?, *Nanomedicine: Nanotechnology, Biology and Medicine*, Volume 14, Issue 3, April 2018, Pages 875-

882 [Abstract](#)

Kathrin Oelschlägel, Jenny Pfeiffer, Annegret Potthoff. Imitating the Weathering of Microplastics in the Marine Environment, In: Cocca M., Di Pace E., Errico M., Gentile G., Montarsolo A., Mossotti R. (eds) *Proceedings of the International Conference on Microplastic Pollution in the Mediterranean Sea*. Springer Water. Springer, Cham [Abstract](#)

Vera A. Tang, Tyler M. Renner, Anna K. Fritzsche, Dylan Burger & Marc-André Langlois. Single-Particle Discrimination of Retroviruses from Extracellular Vesicles by Nanoscale Flow Cytometry, *Scientific Reports* volume 7, Article number: 17769 (2017), doi:10.1038/s41598-

017-18227-8, Published online: 19 December 2017 [Fulltext](#)

Huishan Guo, Maneka Chitiprolu, Luc Roncevic, Charlotte Javalet, Fiona J. Hemming, My Tran Trung, Lingrui Meng, Elyse Latreille, Christiano Tanese de Souza, Danielle McCulloch, R. Mitchell Baldwin, Rebecca Auer, Jocelyn Côté, Ryan Charles Russell, Rémy Sadoul, Derrick Gibbings. Atg5 Disassociates the V1V0-ATPase to Promote Exosome Production and Tumor Metastasis Independent of Canonical Macroautophagy, *Developmental Cell*, Volume 43, Issue 6, 18 December 2017, Pages 716-730.e7 [Abstract](#)

Cell, Volume 43, Issue 6, 18 December 2017, Pages 716-730.e7 [Abstract](#)

Kristina Svennerholm, Kyong-Su Park, Johannes Wikström, Cecilia Lässer, Rossella Crescitelli, Ganesh V. Shelke, Su Chul Jang, Shintaro Suzuki, Elga Bandeira, Charlotta S. Olofsson & Jan Lötval. Escherichia coli outer membrane vesicles can contribute to sepsis induced cardiac dysfunction, Scientific Reports volume 7, Article number: 17434 (2017),

doi:10.1038/s41598-017-16363-9, Published online: 12 December 2017

[Fulltext](#)

JL Kang, J Park, SJ Gao, MS Lee. Extracellular vesicles from KSHV-infected endothelial cells activate the complement system, Oncotarget, 2017, Vol. 8, (No. 59), pp: 99841-99860

[Fulltext](#)

A B Thrush, G Antoun, M Nikpay, D A Patten, C DeVlugt, J-F Mauger, B L Beauchamp, P Lau, R Reshke, É Doucet, P Imbeault, R Boushel, D Gibbings, J Hager, A Valsesia, R S Slack, O Y Al-Dirbashi, R Dent, R McPherson & M-E Harper. Diet-resistant obesity is characterized by a distinct plasma proteomic signature and impaired muscle fiber metabolism, International Journal of Obesity, doi:10.1038/ijo.2017.286, Published online: 20 November

2017

[Fulltext](#)

Zeid A. Nima, Yevgeniy R. Davletshin, Fumyia Watanabe, Karrar M. Alghazalia, J. Carl Kumaradas and Alexandru S. Birisa. Bimetallic gold core–silver shell nanorod performance for surface enhanced Raman spectroscopy, Minerals Engineering, DOI: 10.1039/C7RA06573F

(Paper) RSC Adv., 2017, 7, 53164-53171

[Fulltext](#)

H. Oliveira, A. Azevedo, J. Rubio. Nanobubbles generation in a high-rate hydrodynamic cavitation tube, Minerals Engineering, Available online 10 November 2017

[Abstract](#)

Anurag Purushothaman, Shyam K. Bandari, Darshan S. Chandrashekar, Richard J. Jones, Hans C. Lee, Donna M. Weber, and Robert Z. Orlowski. Chondroitin sulfate proteoglycan serglycin influences protein cargo loading and functions of tumor-derived exosomes, Oncotarget. 2017 Sep 26; 8(43): 73723–73732. Published online 2017 Aug 27. doi:

10.18632/oncotarget.20564

[Fulltext](#)

Ágota Túzesi, Teresia Kling, Anna Wenger, Taral R. Lunavat, Su Chul Jang, Bertil Rydenhag, Jan Lötval, Steven M. Pollard, Anna Danielsson, Helena Carén. Pediatric brain tumor cells release exosomes with a miRNA repertoire that differs from exosomes secreted by

normal cells, Oncotarget. 2017; 8:90164-90175

[Fulltext](#)

S Huang, X Ge, J Yu, Z Han, Z Yin, Y Li, F Chen et al. Increased miR-124-3p in microglial exosomes following traumatic brain injury inhibits neuronal inflammation and contributes to

neurite outgrowth via their transfer into neurons, The FASEB Journal, 2017

[Abstract](#)

O Betzer, N Perets, A Angel, M Motiei, T Sadan et al. In Vivo Neuroimaging of Exosomes Using Gold Nanoparticles, ACS Nano, Article ASAP, DOI: 10.1021/acsnano.7b04495, Publication

Date (Web): September 29, 2017 [Abstract](#)

M Turner - 2017. The Effects of High Glucose Exposure on Endothelial Microparticles [Fulltext](#)

FG Gomes, V Sandim, VH Almeida, AMR Rondon. Breast-cancer extracellular vesicles induce platelet activation and aggregation by tissue factor-independent and -dependent mechanisms,

Thrombosis Research, Volume 159, November 2017, Pages 24-32 [Abstract](#)

A Reiner, NG Ferrer, P Venugopalan, RC Lai, S Lim. Magnetic nanoparticle-enhanced surface plasmon resonance biosensor for extracellular vesicle analysis, Analyst, Issue 20,

2017 [Abstract](#)

M Nouri, H Ezzatpanah. The Quality of The UHT Skim Milk as Affected by Addition of Rennet Skim Milk. Nutrition and Food Sciences Research, 2017 [Fulltext](#)

Z Chen, Y Li, H Yu, Y Shen, C Ju, G Ma, Y Liu, I Kim. Isolation of Extracellular Vesicles from Stem Cells. Extracellular Vesicles, 2017 [Abstract](#)

Mirco Castoldi, Claus Kordes, Iris Sawitza & Dieter Häussinger Isolation and characterization of vesicular and non-vesicular microRNAs circulating in sera of partially hepatectomized rats.

Scientific Reports 6, Article number: 31869 (2016), doi:10.1038/srep31869 [Fulltext](#)

Yuliya Lytvyn, Fengxia Xiao, Christopher R. J. Kennedy, Bruce A. Perkins, Heather N. Reich, James W. Scholey, David Z. Cherney, Dylan Burger. Assessment of urinary microparticles in normotensive patients with type 1 diabetes. Diabetologia March 2017, Volume

60, Issue 3, pp 581–584 [Abstract](#)

Dismuke WM, Klingeborn M, Stamer WD. Mechanism of Fibronectin Binding to Human Trabecular Meshwork Exosomes and Its Modulation by Dexamethasone. PLoS One. 2016 Oct

26;11(10):e0165326. doi: 10.1371/journal.pone.0165326. eCollection 2016. [Fulltext](#)

Helwa I, Cai J, Drewry MD, Zimmerman A, Dinkins MB, Khaled ML, Seremwe M, Dismuke WM, Bieberich E, Stamer WD, Hamrick MW, Liu Y. A Comparative Study of Serum Exosome

Isolation Using Differential Ultracentrifugation and Three Commercial Reagents. *PLoS One*. 2017 Jan 23;12(1):e0170628. doi: 10.1371/journal.pone.0170628. eCollection 2017. [Fulltext](#)

Klingeborn M, Dismuke WM, Bowes Rickman C, Stamer WD. Roles of exosomes in the normal and diseased eye. *Prog Retin Eye Res*. 2017 Jul;59:158-177. doi: 10.1016/j.preteyeres.2017.04.004. Epub 2017 Apr 29. [PubMed](#)

Muhammad Nawaz, Farah Fatima and Jeremy A. Squire. Mining Extracellular Vesicles for Clinically Relevant Noninvasive Diagnostic Biomarkers in Cancer. *Biochemistry, Genetics and Molecular Biology* » "Novel Implications of Exosomes in Diagnosis and Treatment of Cancer and Infectious Diseases", book edited by Jin Wang, ISBN 978-953-51-3336-0, Print ISBN 978-953-51-3335-3, Published: July 12, 2017 under CC BY 3.0 license. [Fulltext](#)

Ramiro Etchepare, Henrique Oliveira, Marcio Nicknig, André Azevedo. Nanobubbles: Generation using a multiphase pump, properties and features in flotation. *Minerals Engineering* Volume 112, October 2017, Pages 19-26 [Abstract](#)

Wei Zhang, Xiangjun Zhou, Qisheng Yao, Yutao Liu, Hao Zhang, Zheng Dong HIF-1-mediated production of exosomes during hypoxia is protective in renal tubular cells. *American Journal of Physiology - Renal Physiology* Published 5 July 2017 Vol. no. , DOI: 10.1152/ajprenal.00178.2017 [Abstract](#)

Karin Pachler, Nina Ketterl, Alexandre Desgeorges, Zsuzsanna A. Dunai, Sandra Laner-Plamberger, Doris Streif, Dirk Strunk, Eva Rohde and Mario Gimona An In Vitro Potency Assay for Monitoring the Immunomodulatory Potential of Stromal Cell-Derived Extracellular Vesicles. *Int. J. Mol. Sci.* 2017, 18(7), 1413; doi:10.3390/ijms18071413 [Fulltext](#)

Burger, D., Turner, M., Xiao, F. et al. High glucose increases the formation and pro-oxidative activity of endothelial microparticles. *Diabetologia* (2017). doi:10.1007/s00125-017-4331-2 [Abstract](#)

Verena Börger, Michel Bremer, Rita Ferrer-Tur, Lena Gockeln, Oumaima Stambouli, Amina Becic and Bernd Giebel Mesenchymal Stem/Stromal Cell-Derived Extracellular Vesicles and Their Potential as Novel Immunomodulatory Therapeutic Agents. *Int. J. Mol. Sci.* 2017, 18(7), 1450; doi:10.3390/ijms18071450 [Fulltext](#)

R. Etchepare, A. Azevedo, S. Calgaroto, J. Rubio Removal of ferric hydroxide by flotation with micro and nanobubbles. *Separation and Purification Technology* Volume 184, 31 August 2017, Pages 347–353 [Abstract](#)

M. Wobus, A. Mies, D. Yilmaz, U. Oelschlägel, C. Kahlert, M. Bornhäuser, U. Platzbecker 198 – Mesenchymal Stromal Cell-Derived Extracellular Vesicles are Altered in MDS. *Leukemia Research* Volume 55, Supplement 1, April 2017, Pages S118, Abstracts of the 14th International Symposium on Myelodysplastic Syndromes (MDS) [Abstract](#)

R.R. Retamal Marín, F. Babick, L. Hillemann Zeta potential measurements for non-spherical colloidal particles – Practical issues of characterisation of interfacial properties of nanoparticles. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, Available online 14 April 2017, In Press, Corrected Proof. [Abstract](#)

Davis Colleen, Dukes Amy, Drewry Michelle, Helwa Inas, Johnson Maribeth H., Isales Carlos M., Hill William D., Liu Yutao, Shi Xingming, Fulzele Sadanand, and Hamrick Mark W. MicroRNA-183-5p Increases with Age in Bone-Derived Extracellular Vesicles, Suppresses Bone Marrow Stromal (Stem) Cell Proliferation, and Induces Stem Cell Senescence. *Tissue Engineering Part A*. April 2017, ahead of print. doi:10.1089/ten.tea.2016.0525. [Abstract](#)

Xiangjun Zhou, Wei Zhang, Qisheng Yao, Hao Zhang, Guie Dong, Ming Zhang, Yutao Liu, Jian-Kang Chen, Zheng Dong Exosome production and its regulation of EGFR during wound healing in renal tubular cells. *American Journal of Physiology - Renal Physiology* Published 29 March 2017 Vol. no. , DOI: 10.1152/ajprenal.00078.2017 [Abstract](#)

Dong Uk Kim, Francis A San Lucas, Matthew Cagley, Bret Stephens, Feven C Mulu, Jonathan Castillo, Vincent Bernard, Gauri R. Varadhachary, Matthew H. G. Katz, Hector A Alvarez, Anirban Maitra; Larger size extracellular vesicle as early biomarker in patients with metastatic pancreatic cancer. DOI: 10.1200/JCO.2017.35.4_suppl.234 *Journal of Clinical Oncology* 35, no. 4_suppl (February 2017) 234-234. [Abstract](#)

Shu Liu, André Hossinger, Sarah Göbbels & Ina M. Vorberg. Prions on the run: How extracellular vesicles serve as delivery vehicles for self-templating protein aggregates. *Prion*. 2017 Mar 4;11(2):98-112. doi: 10.1080/19336896.2017.1306162. [Fulltext](#)

Kolhe R, Hunter M, Liu S, Jadeja RN, Pundkar C, Mondal AK, Mendhe B, Drewry M, Rojiani MV, Liu Y, Isales CM, Guldberg RE, Hamrick MW, Fulzele S. Gender-specific differential expression of exosomal miRNA in synovial fluid of patients with osteoarthritis. *Sci Rep*. In press.

Zhou X, Zhang W, Yao Q, Zhang H, Dong G, Zhang M, Liu Y, Chen JK, Dong Z. Exosome production and its regulation of EGFR during wound healing in renal tubular cells. *Am J Physiol Renal Physiol.* 2017 Mar 29. [PubMed](#)

Davis C, Dukes A, Drewry M, Helwa I, Johnson M, Isales CM, Hill WD, Liu Y, Shi X, Fulzele S, Hamrick MW MicroRNA-183-5p Increases with Age in Bone-Derived Extracellular Vesicles, Suppresses Bone Marrow Stromal (Stem) Cell Proliferation, and Induces Stem Cell Senescence. *Tissue Eng Part A.* 2017 Mar 31. [PubMed](#)

Yipeng Wang, Varun Balaji et al. The release and trans-synaptic transmission of Tau via exosomes. *Molecular Neurodegeneration* 2017 12 5, DOI: 10.1186/s13024-016-0143-
y [Fulltext](#)

Aleksander Cvjetkovic, Su Chul Jang, Barbora Konečná, Johanna L. Höög, Carina Sihlbom, Cecilia Lässer & Jan Lötvall Detailed Analysis of Protein Topology of Extracellular Vesicles– Evidence of Unconventional Membrane Protein Orientation. *Scientific Reports* 6, Article number: 36338 (2016)doi:10.1038/srep36338 [Fulltext](#)

Withrow J, Murphy C, Liu Y, Hunter M, Fulzele S, Hamrick MW. Extracellular vesicles in the pathogenesis of rheumatoid arthritis and osteoarthritis. *Arthritis Research & Therapy.* 2016, 18(1): 286. [Fulltext](#)

Dinkins MB, Enasko J, Hernandez C, Wang G, Kong J, Helwa I, Liu Y, Terry AV Jr, Bieberich E. Neutral Sphingomyelinase-2 Deficiency Ameliorates Alzheimer's Disease Pathology and Improves Cognition in the 5XFAD Mouse. *J Neurosci.* 2016 Aug 17;36(33):8653-67. doi: 10.1523/JNEUROSCI.1429-16.2016. [PubMed](#)

Shalaby SM, Khater MK, Perucho AM, Mohamed SA, Helwa I, Laknaur A, Lebedyeva I, Liu Y, Diamond MP, Al-Hendy AA. Magnetic nanoparticles as a new approach to improve the efficacy of gene therapy against differentiated human uterine fibroid cells and tumor-initiating stem cells. *Fertil Steril.* 2016 Jun;105(6):1638-1648.e8. doi: 10.1016/j.fertnstert.2016.03.001. Epub 2016 Mar 25. [PubMed](#)

Déborah L.M. Ruperta, Virginia Claudio, Cecilia Lässer, Marta Bally Methods for the physical characterization and quantification of extracellular vesicles in biological samples. *Biochim Biophys Acta.* 2016 Aug 3. pii: S0304-4165(16)30275-6. doi: 10.1016/j.bbagen.2016.07.028. [Abstract](#)

Ganesh V Shelke et al. Human mast cells release extracellular vesicle-associated DNA. [Fulltext](#)

Liu S, Hossinger A, Hofmann JP, Denner P, Vorberg IM Horizontal Transmission of Cytosolic Sup35 Prions by Extracellular Vesicles. *MBio*. 2016 Jul 12;7(4). pii: e00915-16. [PubMed](#)

Lee, J.-H., Schierer, S., et al. HIV-Nef and ADAM17-Containing Plasma Extracellular Vesicles Induce and Correlate with Immune Pathogenesis in Chronic HIV Infection. *EBioMedicine* (2016) [Fulltext](#)

Sack, U. (Ed.) Zelluläre Diagnostik und Therapie, De Gruyter (2016) Berlin, ISBN: 978-3-11-034406-6 [Info](#)

MEHDIANI, Arash, et al. An Innovative Method for Exosome Quantification and Size Measurement. *JoVE (Journal of Visualized Experiments)*, 2015, Nr. 95, S. e50974-e5 [PubMed](#)

Wang Y, Zhang L, Li Y, Chen L, Wang X, Guo W, Zhang X, Qin G, He S, Zimmerman A, Liu Y, Kim I, Weintraub NL, Tang Y. Exosomes/microvesicles from induced pluripotent stem cells deliver cardioprotective miRNAs and prevent cardiomyocyte apoptosis in the ischemic myocardium. *Int J Cardiol*. 2015; 192: 61-9. (contributed to exosome size/concentration/zeta potential measurement and data interpretation). [Fulltext](#)

Kordelas, L., Rebmann, V., Ludwig, A.-K., Radtke, S., Ruesing, JI, Doepfner, T.R., Epple, M., Horn, P.A., Beelen, D.W., and Giebel, B. MSC-derived exosomes: a novel tool to treat therapy-refractory graft-versus-host disease. *Leukemia* (2014) 28, 970- 973
doi:10.1038/leu.2014.41 [Abstract](#)

Muturi, Harrison T., et al. Tumor and Endothelial Cell-Derived Microvesicles Carry Distinct CEACAMs and Influence T-Cell Behavior. *PLoS One*, e74654, doi:10.1371/journal.pone.0074654 (2013) [Fulltext](#)

ALEGRE, Estibaliz, et al. In vivo identification of an HLA-G complex as ubiquitinated protein circulating in exosomes. *European journal of immunology*, 2013. [PubMed](#)

HELFRICHT, Nicolas, et al. Surface properties of spider silk particles in solution. *Biomaterials Science*, 2013. [Abstract](#)

SOWADE, Enrico; BLAUDECK, Thomas; BAUMANN, Reinhard R. Preparation of spherical, ordered colloidal aggregates using inkjet printing. *MRS Online Proceedings Library*, 2012, 1453. Jg., Nr. 1. [Abstract](#)

BLÜM, Claudia; SCHEIBEL, Thomas. Control of Drug Loading and Release Properties of Spider Silk Sub-Microparticles. *BioNanoScience*, 2012, 2. Jg., Nr. 2, S. 67-74. [Abstract](#)

NOURI, Marjan, et al. Effect of Partially Hydrolyzed Kappa-Casein on Physicochemical and Sensory Properties of Heated Milk. *Journal of Dispersion Science and Technology*, 2012, 33. Jg., Nr. 8, S. 1204-1209. [Abstract](#)

LAMBERTY, Andrée, et al. Interlaboratory comparison for the measurement of particle size and zeta potential of silica nanoparticles in an aqueous suspension. *Journal of Nanoparticle Research*, 2011, 13. Jg., Nr. 12, S. 7317-7329. [Abstract](#)