

## Sircol Citations 2017

- Ahadome, S., Zhang, C., Tannous, E., ... J. S.-E. C., & (2017) Small-molecule inhibition of Wnt signaling abrogates dexamethasone-induced phenotype of primary human trabecular meshwork cells. *Elsevier*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S0014482717302719>
- Ahn, G., Min, K., Kim, C., Lee, J., Kang, D., reports, J. W.-S., & (2017) Precise stacking of decellularized extracellular matrix based 3D cell-laden constructs by a 3D cell printing system equipped with heating modules. *Nature.com*. Retrieved from <https://www.nature.com/articles/s41598-017-09201-5>
- Alshomer, F., Chaves, C., Serra, T., ... I. A.-, Medicine, B. and, & (2017) Micropatterning of nanocomposite polymer scaffolds using sacrificial phosphate glass fibers for tendon tissue engineering applications. *Elsevier*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S1549963417300084>
- Ansari, T., Lange, P., Southgate, A., Greco, K., Carvalho, C., Partington, L., ... Birchall, M. A. (2017). Stem Cell-Based Tissue-Engineered Laryngeal Replacement. *STEM CELLS Translational Medicine*, 6(2), 677-687. <http://doi.org/10.5966/sctm.2016-0130>
- Arabpour, M., Cool, R. H., Faber, K. N., Quax, W. J., & Haisma, H. J. (2017). Receptor-specific TRAIL as a means to achieve targeted elimination of activated hepatic stellate cells. *Journal of Drug Targeting*, 25(4), 360-369. <http://doi.org/10.1080/1061186X.2016.1262867>
- Arango, J. C., Puerta-Arias, J. D., Pino-Tamayo, P. A., Salazar-Peláez, L. M., Rojas, M., & González, Á. (2017). Impaired anti-fibrotic effect of bone marrow-derived mesenchymal stem cell in a mouse model of pulmonary paracoccidioidomycosis. *PLOS Neglected Tropical Diseases*, 11(10), e0006006. <http://doi.org/10.1371/journal.pntd.0006006>
- Ayoub, E., Dubey, A., Imani, J., Botelho, F., Reports, M. K.-S., (2017) Overexpression of OSM and IL-6 impacts the polarization of pro-fibrotic macrophages and the development of bleomycin-induced lung fibrosis. *Nature.com*. Retrieved from <https://www.nature.com/articles/s41598-017-13511-z>
- Bacha, N. C., Blandinieres, A., Rossi, E., Gendron, N., Nevo, N., Lecourt, S., ... Smadja, D. M. (2017). Endothelial Microparticles are Associated to Pathogenesis of Idiopathic Pulmonary Fibrosis. *Stem Cell Reviews and Reports*. <http://doi.org/10.1007/s12015-017-9778-5>
- Backman, D. E., LeSavage, B. L., Shah, S. B., & Wong, J. Y. (2017). A Robust Method to Generate Mechanically Anisotropic Vascular Smooth Muscle Cell Sheets for Vascular Tissue Engineering. *Macromolecular Bioscience*, 17(6), 1600434. <http://doi.org/10.1002/mabi.201600434>
- Bartolomeo, R. (2017) mTORC1 hyperactivation arrests bone growth in lysosomal storage disorders by suppressing autophagy. *Am Soc Clin Investig*. Retrieved from <https://www.jci.org/articles/view/94130>
- Bellaye, P.-S., Shimbori, C., Upagupta, C., Sato, S., Shi, W., Gauldie, J., ... Kolb, M. (2017). Lysyl Oxidase-like 1 Protein Deficiency Protects Mice from AdTGF- $\beta$ 1 Induced Pulmonary Fibrosis. *American Journal of Respiratory Cell and Molecular Biology*, rcmb.2017-02520C. <http://doi.org/10.1165/rcmb.2017-02520C>
- Bengtsson, E., Hultman, K., Dunér, P., Reports, G. A.-S., & 2017 ADAMTS-7 is associated with a high-risk plaque phenotype in human atherosclerosis. *Nature.com*. Retrieved from <https://www.nature.com/articles/s41598-017-03573-4>
- Bourgine, P. E., Gaudiello, E., Pippenger, B., Jaquiere, C., Klein, T., Pigeot, S., ... Martin, I. (2017). Engineered Extracellular Matrices as Biomaterials of Tunable Composition and Function. *Advanced Functional Materials*, 27(7), 1605486. <http://doi.org/10.1002/adfm.201605486>
- Bouros, E., Filidou, E., Arvanitidis, K., ... D. M.-P., & 2017 Lung fibrosis-associated soluble mediators and bronchoalveolar lavage from idiopathic pulmonary fibrosis patients promote the expression of fibrogenic factors in. *Elsevier*. Retrieved from <https://www.sciencedirect.com/science/article/pii/S1094553917301906>

- Byrne, A., Weiss, M., Mathie, S., ... S. W.-M., & 2017 A critical role for IRF5 in regulating allergic airway inflammation. *Nature.com*. Retrieved from <https://www.nature.com/mi/journal/v10/n3/abs/mi201692a.html>
- Carvalho, V. F., Ferreira, T. P. T., de Arantes, A. C. S., Noël, F., Tesch, R., Sant'Anna, C. M. R., ... Martins, M. A. (2017). LASSBio-897 Reduces Lung Injury Induced by Silica Particles in Mice: Potential Interaction with the A2A Receptor. *Frontiers in Pharmacology*, 8. <http://doi.org/10.3389/fphar.2017.00778>
- Chakraborty, D., Šumová, B., Mallano, T., ... C. C.-N., & 2017 Activation of STAT3 integrates common profibrotic pathways to promote fibroblast activation and tissue fibrosis. *Nature.com*. Retrieved from <https://www.nature.com/articles/s41467-017-01236-6>
- Chen, J., Lan, J., Liu, D., Backman, L. J., Zhang, W., Zhou, Q., & Danielson, P. (2017). Ascorbic Acid Promotes the Stemness of Corneal Epithelial Stem/Progenitor Cells and Accelerates Epithelial Wound Healing in the Cornea. *STEM CELLS Translational Medicine*, 6(5), 1356-1365. <http://doi.org/10.1002/sctm.16-0441>
- Chen, L., & Brigstock, D. R. (2017). Analysis of Pathological Activities of CCN Proteins in Fibrotic Diseases: Liver Fibrosis (pp. 445-463). [http://doi.org/10.1007/978-1-4939-6430-7\\_37](http://doi.org/10.1007/978-1-4939-6430-7_37)
- Cho, S. J., Moon, J.-S., Lee, C.-M., Choi, A. M. K., & Stout-Delgado, H. W. (2017). Glucose Transporter 1-Dependent Glycolysis Is Increased during Aging-Related Lung Fibrosis, and Phloretin Inhibits Lung Fibrosis. *American Journal of Respiratory Cell and Molecular Biology*, 56(4), 521-531. <http://doi.org/10.1165/rcmb.2016-0225OC>
- Choi, J., Jin, S., Choi, C., Kim, H., ... S. K.-B. & 2017, Saponins from the roots of Platycodon grandiflorum ameliorate high fat diet-induced non-alcoholic steatohepatitis. *Elsevier*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S0753332216320145>
- Chu, H., Shi, Y., Jiang, S., Zhong, Q., Zhao, Y., ... Q. L.-S., & 2017 Treatment effects of the traditional Chinese medicine Shenks in bleomycin-induced lung fibrosis through regulation of TGF-beta/Smad3 signaling and. *Ncbi.nlm.nih.gov*. Retrieved from <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5440393/>
- Chung, C.-C., Kao, Y.-H., Yao, C.-J., Lin, Y.-K., & Chen, Y.-J. (2017). A comparison of left and right atrial fibroblasts reveals different collagen production activity and stress-induced mitogen-activated protein kinase signalling in rats. *Acta Physiologica*, 220(4), 432-445. <http://doi.org/10.1111/apha.12835>
- Cissell, D. D., Link, J. M., Hu, J. C., & Athanasiou, K. A. (2017). A Modified Hydroxyproline Assay Based on Hydrochloric Acid in Ehrlich's Solution Accurately Measures Tissue Collagen Content. *Tissue Engineering Part C: Methods*, 23(4), 243-250. <http://doi.org/10.1089/ten.tec.2017.0018>
- Cleveland, Z., Zhou, Y., ... T. A.-A. J. of, & 2017 Magnetic resonance imaging of disease progression and resolution in a transgenic mouse model of pulmonary fibrosis. *Am Physiological Soc*. Retrieved from <http://ajplung.physiology.org/content/312/4/L488.abstract>
- Coentro, J. Q., Capella-Monsonís, H., Graceffa, V., Wu, Z., Mullen, A. M., Raghunath, M., & Zeugolis, D. I. (2017). Collagen Quantification in Tissue Specimens (pp. 341-350). [http://doi.org/10.1007/978-1-4939-7113-8\\_22](http://doi.org/10.1007/978-1-4939-7113-8_22)
- Conforti, F., Davies, E., Oncotarget, C. C.-, & 2017 The histone deacetylase inhibitor, romidepsin, as a potential treatment for pulmonary fibrosis. *Eprints.soton.ac.uk*. Retrieved from <https://eprints.soton.ac.uk/408662/>
- Dauer, P., Zhao, X., Gupta, V., Sharma, N., research, K. K.-C., & 2017 Inactivation of cancer-associated-fibroblasts (CAF) disrupts oncogenic signaling in pancreatic cancer cells and promotes its regression. *AACR*. Retrieved from <http://cancerres.aacrjournals.org/content/early/2017/12/19/0008-5472.CAN-17-2320.short>
- de Mendonça, L., Felix, N. S., Blanco, N. G., Da Silva, J. S., Ferreira, T. P., Abreu, S. C., ... Silva, P. L. (2017). Mesenchymal stromal cell therapy reduces lung inflammation and vascular remodeling and improves hemodynamics in experimental pulmonary arterial hypertension. *Stem Cell Research & Therapy*, 8(1), 220. <http://doi.org/10.1186/s13287-017-0669-0>

- Di Meglio, F., Nurzynska, D., Romano, V., Miraglia, R., Belviso, I., Sacco, A. M., ... Castaldo, C. (2017). Optimization of Human Myocardium Decellularization Method for the Construction of Implantable Patches. *Tissue Engineering Part C: Methods*, 23(9), 525-539. <http://doi.org/10.1089/ten.tec.2017.0267>
- Dodson, R., Miller, T., ... K. P.-A. J. of, & 2017, Intrauterine growth restriction influences vascular remodeling and stiffening in the weanling rat more than sex or diet. *Am Physiological Soc*. Retrieved from <http://ajpheart.physiology.org/content/312/2/H250.abstract>
- Duke, K. S., Taylor-Just, A. J., Ihrle, M. D., Shipkowski, K. A., Thompson, E. A., Dandley, E. C., ... Bonner, J. C. (2017). STAT1-dependent and -independent pulmonary allergic and fibrogenic responses in mice after exposure to tangled versus rod-like multi-walled carbon nanotubes. *Particle and Fibre Toxicology*, 14(1), 26. <http://doi.org/10.1186/s12989-017-0207-3>
- Dumoitier, N., Chaigne, B., Régent, A., Lofek, S., Mhibik, M., Dorfmüller, P., ... Mouthon, L. (2017). Scleroderma Peripheral B Lymphocytes Secrete Interleukin-6 and Transforming Growth Factor  $\beta$  and Activate Fibroblasts. *Arthritis & Rheumatology*, 69(5), 1078-1089. <http://doi.org/10.1002/art.40016>
- Elebring, E., Kuna, V. K., Kvarnström, N., & Sumitran-Holgersson, S. (2017). Cold-perfusion decellularization of whole-organ porcine pancreas supports human fetal pancreatic cell attachment and expression of endocrine and exocrine markers. *Journal of Tissue Engineering*, 8, 204173141773814. <http://doi.org/10.1177/2041731417738145>
- Elsaadany, M., Winters, K., Adams, S., Stasuk, A., reports, H. A.-S., & 2017 Equiaxial Strain Modulates Adipose-derived Stem Cell Differentiation within 3D Biphasic Scaffolds towards Annulus Fibrosus. *Nature.com*. Retrieved from <https://www.nature.com/articles/s41598-017-13240-3>
- Fassini, D., Duarte, A., Reis, R., drugs, T. S.-M., & 2017 Bioinspiring Chondrosia reniformis (Nardo, 1847) Collagen-Based Hydrogel: A New Extraction Method to Obtain a Sticky and Self-Healing Collagenous Material. *Mdpi.com*. Retrieved from <http://www.mdpi.com/1660-3397/15/12/380>
- Fercana, G., Yerneni, S., Billaud, M., Hill, J., Biomaterials, P. V.-, & 2017 Perivascular extracellular matrix hydrogels mimic native matrix microarchitecture and promote angiogenesis via basic fibroblast growth factor. *Elsevier*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S0142961217300595>
- Fukunishi, T., Best, C., Sugiura, T., ... J. O.-T. J. of thoracic, & 2017 Preclinical study of patient-specific cell-free nanofiber tissue-engineered vascular grafts using 3-dimensional printing in a sheep model. *Elsevier*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S0022522316314660>
- Gambini, E., Perrucci, G., Bassetti, B., ... G. S.-T., & 2017 Preferential myofibroblast differentiation of cardiac mesenchymal progenitor cells in the presence of atrial fibrillation. *Elsevier*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S1931524417303110>
- Gentile, P., McColgan-Bannon, K., Gianone, N., Materials, F. S.-, & 2017 Biosynthetic PCL-graft-Collagen Bulk Material for Tissue Engineering Applications. *Mdpi.com*. Retrieved from <http://www.mdpi.com/1996-1944/10/7/693/htm>
- Hatano, S., Nagai, N., Sugiura, N., Tsuchimoto, J., Isogai, Z., Kimata, K., ... Watanabe, H. (2017). Versican A-subdomain is required for its adequate function in dermal development. *Connective Tissue Research*, 1-13. <http://doi.org/10.1080/03008207.2017.1324432>
- Hepfer, R. G., Chen, P., Brockbank, K. G. M., Jones, A. L., Burnette, A. K., Chen, Z., ... Yao, H. (2017). The Impact of Heat Treatment on Porcine Heart Valve Leaflets. *Cardiovascular Engineering and Technology*. <http://doi.org/10.1007/s13239-017-0334-x>
- Hofmann, M. (2017). Lung epithelial specific depletion of Numb and Numbl like impairs epithelial polarity and integrity. Retrieved from <http://tuprints.ulb.tu-darmstadt.de/id/eprint/6916>

- Hondt, M. Den, Vanaudenaerde, B., biomaterialia, E. M.-A., & 2017 An optimized non-destructive protocol for testing mechanical properties in decellularized rabbit trachea. *Elsevier*. Retrieved from <https://www.sciencedirect.com/science/article/pii/S1742706117304725>
- Hsiao, Y., Tseng, C., Su, K., Chen, W., ... M. W.-R. P., & 2017 Glycopyrronium bromide inhibits lung inflammation and small airway remodeling induced by subchronic cigarette smoke exposure in mice. *Elsevier*. Retrieved from <https://www.sciencedirect.com/science/article/pii/S1569904817303622>
- Hsieh, Y., Chen, H., Lin, H., ... H. Y.-J. of the F., & 2017 Epigallocatechin-3-gallate inhibits transforming-growth-factor-B1-induced collagen synthesis by suppressing early growth response-1 in human buccal. *Elsevier*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S0929664616000553>
- Huang, B. J., Huey, D. J., Hu, J. C., & Athanasiou, K. A. (2017). Engineering biomechanically functional neocartilage derived from expanded articular chondrocytes through the manipulation of cell-seeding density and dexamethasone concentration. *Journal of Tissue Engineering and Regenerative Medicine*, 11(8), 2323-2332. <http://doi.org/10.1002/term.2132>
- Huang, P., Li, Y., Lv, Z., Wang, J., Zhang, Q., Yao, X., ... Ying, S. (2017). Comprehensive attenuation of IL-25-induced airway hyperresponsiveness, inflammation and remodelling by the PI3K inhibitor LY294002. *Respirology*, 22(1), 78-85. <http://doi.org/10.1111/resp.12880>
- Hughes, F. M., Sexton, S. J., Jin, H., Govada, V., & Purves, J. T. (2017). Bladder fibrosis during outlet obstruction is triggered through the NLRP3 inflammasome and the production of IL-1B. *American Journal of Physiology-Renal Physiology*, 313(3), F603-F610. <http://doi.org/10.1152/ajprenal.00128.2017>
- Hur, W., Lee, H. Y., Min, H. S., Wufuer, M., Lee, C., Hur, J. A., ... Choi, T. H. (2017). Regeneration of full-thickness skin defects by differentiated adipose-derived stem cells into fibroblast-like cells by fibroblast-conditioned medium. *Stem Cell Research & Therapy*, 8(1), 92. <http://doi.org/10.1186/s13287-017-0520-7>
- Huwe, L. W., Brown, W. E., Hu, J. C., & Athanasiou, K. A. (2017). Characterization of costal cartilage and its suitability as a cell source for articular cartilage tissue engineering. *Journal of Tissue Engineering and Regenerative Medicine*. <http://doi.org/10.1002/term.2630>
- Huwe, L. W., Sullan, G. K., Hu, J. C., & Athanasiou, K. A. (2017). Using Costal Chondrocytes to Engineer Articular Cartilage with Applications of Passive Axial Compression and Bioactive Stimuli. *Tissue Engineering Part A*, ten.tea.2017.0136. <http://doi.org/10.1089/ten.tea.2017.0136>
- Isshiki, T., Akiba, H., ... M. N.-T. J. of, & 2017 Cutting Edge: Anti-TIM-3 Treatment Exacerbates Pulmonary Inflammation and Fibrosis in Mice. *Am Assoc Immunol*. Retrieved from <http://www.jimmunol.org/content/199/11/3733.abstract>
- Jank, B. J., Goverman, J., Guyette, J. P., Charest, J. M., Randolph, M., Gaudette, G. R., ... Ott, H. C. (2017). Creation of a Bioengineered Skin Flap Scaffold with a Perfusable Vascular Pedicle. *Tissue Engineering Part A*, 23(13-14), 696-707. <http://doi.org/10.1089/ten.tea.2016.0487>
- Jiang, W., Wang, X., Osborne, O. J., Du, Y., Chang, C. H., Liao, Y.-P., ... Nel, A. E. (2017). Pro-Inflammatory and Pro-Fibrogenic Effects of Ionic and Particulate Arsenide and Indium-Containing Semiconductor Materials in the Murine Lung. *ACS Nano*, 11(2), 1869-1883. <http://doi.org/10.1021/acs.nano.6b07895>
- Jr, F. H., Sexton, S., ... H. J.-A. J. of, & 2017 Bladder fibrosis during outlet obstruction is triggered through the NLRP3 inflammasome and the production of IL-1B. *Am Physiological Soc*. Retrieved from <http://www.physiology.org/doi/abs/10.1152/ajprenal.00128.2017>
- Jung, H., Mbimba, T., Unal, M., & Akkus, O. (2017). Repetitive short-span application of extracellular calcium is osteopromotive to osteoprogenitor cells. *Journal of Tissue Engineering and Regenerative Medicine*. <http://doi.org/10.1002/term.2518>

- Kadekawa, K., Majima, T., Kawamorita, N., Okada, H., Yoshizawa, T., Mori, K., ... Yoshimura, N. (2017). Effects of an alpha1A/D-adrenoceptor antagonist, naftopidil, and a phosphodiesterase type 5 inhibitor, tadalafil, on urinary bladder remodeling in rats with spinal cord injury. *Neurourology and Urodynamics*, 36(6), 1488-1495. <http://doi.org/10.1002/nau.23158>
- Kai, Y., Tomoda, K., Yoneyama, H., Acids, M. K.-... T.-N., & 2017 Silencing of carbohydrate sulfotransferase 15 hinders murine pulmonary fibrosis development. *Elsevier*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S2162253116303766>
- Kang, S. U., Kim, Y. S., Kim, Y. E., Park, J.-K., Lee, Y. S., Kang, H. Y., ... Kim, C.-H. (2017). Opposite effects of non-thermal plasma on cell migration and collagen production in keloid and normal fibroblasts. *PLOS ONE*, 12(11), e0187978. <http://doi.org/10.1371/journal.pone.0187978>
- Karahaliloğlu, Z., Yalçın, E., Demirbilek, M., & Denkbaş, E. B. (2017). Magnetic silk fibroin e-gel scaffolds for bone tissue engineering applications. *Journal of Bioactive and Compatible Polymers*, 32(6), 596-614. <http://doi.org/10.1177/0883911517693635>
- Keane, T. J., Dziki, J., Castelton, A., Faulk, D. M., Messerschmidt, V., Londono, R., ... Badylak, S. F. (2017). Preparation and characterization of a biologic scaffold and hydrogel derived from colonic mucosa. *Journal of Biomedical Materials Research Part B: Applied Biomaterials*, 105(2), 291-306. <http://doi.org/10.1002/jbm.b.33556>
- Khan, N., Haseeb, A., Ansari, M., ... P. D.-F. R. B., & 2017 Wogonin, a plant derived small molecule, exerts potent anti-inflammatory and chondroprotective effects through the activation of ROS/ERK/Nrf2 signaling pathways in. *Elsevier*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S0891584917301132>
- Kim, J. E., Lee, J. H., Kim, S. H., & Jung, Y. (2017). Skin Regeneration with Self-Assembled Peptide Hydrogels Conjugated with Substance P in a Diabetic Rat Model. *Tissue Engineering Part A*, ten.tea.2016.0517. <http://doi.org/10.1089/ten.tea.2016.0517>
- Kim, J. S., Choi, J. S., & Cho, Y. W. (2017). Cell-Free Hydrogel System Based on a Tissue-Specific Extracellular Matrix for In Situ Adipose Tissue Regeneration. *ACS Applied Materials & Interfaces*, 9(10), 8581-8588. <http://doi.org/10.1021/acsami.6b16783>
- Kim, T. hee, Jung, Y., & Kim, S. H. (2017). Nanofibrous Electrospun hdECM-based Hybrid Scaffold as Wound Dressing for Reducing Scarring. *Tissue Engineering Part A*, ten.TEA.2017.0318. <http://doi.org/10.1089/ten.TEA.2017.0318>
- Kitano, K., Schwartz, D., Zhou, H., ... S. G.-N., & 2017 Bioengineering of functional human induced pluripotent stem cell-derived intestinal grafts. *Nature.com*. Retrieved from <https://www.nature.com/articles/s41467-017-00779-y>
- Kočí, Z., Výborný, K., Dubišová, J., Vacková, I., Jäger, A., Lunov, O., ... Kubinová, Š. (2017). Extracellular Matrix Hydrogel Derived from Human Umbilical Cord as a Scaffold for Neural Tissue Repair and Its Comparison with Extracellular Matrix from Porcine Tissues. *Tissue Engineering Part C: Methods*, 23(6), 333-345. <http://doi.org/10.1089/ten.tec.2017.0089>
- Kojonazarov, B., Novoyatleva, T., Boehm, M., Happe, C., Sibinska, Z., Tian, X., ... Schermuly, R. T. (2017). p38 MAPK Inhibition Improves Heart Function in Pressure-Loaded Right Ventricular Hypertrophy. *American Journal of Respiratory Cell and Molecular Biology*, 57(5), 603-614. <http://doi.org/10.1165/rcmb.2016-0374OC>
- Krarup, P.-M., Eld, M., Jorgensen, L. N., Hansen, M. B., & Ågren, M. S. (2017). Selective matrix metalloproteinase inhibition increases breaking strength and reduces anastomotic leakage in experimentally obstructed colon. *International Journal of Colorectal Disease*, 32(9), 1277-1284. <http://doi.org/10.1007/s00384-017-2857-x>
- Kurita, Y., Araya, J., Minagawa, S., Hara, H., Ichikawa, A., Saito, N., ... Kuwano, K. (2017). Pirfenidone inhibits myofibroblast differentiation and lung fibrosis development during insufficient mitophagy. *Respiratory Research*, 18(1), 114. <http://doi.org/10.1186/s12931-017-0600-3>

- Kuzan, A., Michel, O., biologica, A. G.-F., & 2017 Glycation of Matrix Proteins in the Artery Inhibits Migration of Smooth Muscle Cells from the Media to the Intima. *Fb.cuni.cz*. Retrieved from <http://fb.cuni.cz/file/5845/fb2017a0016.pdf>
- Lan, Y.-W., Theng, S.-M., Huang, T.-T., Choo, K.-B., Chen, C.-M., Kuo, H.-P., & Chong, K.-Y. (2017). Oncostatin M-Preconditioned Mesenchymal Stem Cells Alleviate Bleomycin-Induced Pulmonary Fibrosis Through Paracrine Effects of the Hepatocyte Growth Factor. *STEM CELLS Translational Medicine*, 6(3), 1006-1017. <http://doi.org/10.5966/sctm.2016-0054>
- Lange, P., Greco, K., Partington, L., Carvalho, C., Olinari, S., Birchall, M. A., ... Ansari, T. (2017). Pilot study of a novel vacuum-assisted method for decellularization of tracheae for clinical tissue engineering applications. *Journal of Tissue Engineering and Regenerative Medicine*, 11(3), 800-811. <http://doi.org/10.1002/term.1979>
- Lange, P., Shah, H., Birchall, M., Sibbons, P., & Ansari, T. (2017). Characterization of a biologically derived rabbit tracheal scaffold. *Journal of Biomedical Materials Research Part B: Applied Biomaterials*, 105(7), 2126-2135. <http://doi.org/10.1002/jbm.b.33741>
- Lee, E., Ryu, G., Ko, S., Ahn, Y., Biophysical, K. S.-B. and, & 2017 A role of pancreatic stellate cells in islet fibrosis and B-cell dysfunction in type 2 diabetes mellitus. *Elsevier*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S0006291X1730373X>
- Lee, S., Yang, H., Um, J., Shin, J., Park, I., reports, H. L.-S., & 2017 Vitamin D attenuates myofibroblast differentiation and extracellular matrix accumulation in nasal polyp-derived fibroblasts through smad2/3 signaling pathway. *Nature.com*. Retrieved from <https://www.nature.com/articles/s41598-017-07561-6>
- Lee, Y., Shaari, K., Cheema, M., ... C. T.-E. journal of, & 2017 An orally active geranyl acetophenone attenuates airway remodeling in a murine model of chronic asthma. *Elsevier*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S0014299917300122>
- Li, F., Surolia, R., Li, H., Wang, Z., ... G. L.-A. J. of, & 2017 Low-dose cadmium exposure induces peribronchiolar fibrosis through site-specific phosphorylation of vimentin. *Am Physiological Soc*. Retrieved from <http://ajplung.physiology.org/content/313/1/L80.full>
- Li, L.-F., Kao, K.-C., Liu, Y.-Y., Lin, C.-W., Chen, N.-H., Lee, C.-S., ... Yang, C.-T. (2017). Nintedanib reduces ventilation-augmented bleomycin-induced epithelial-mesenchymal transition and lung fibrosis through suppression of the Src pathway. *Journal of Cellular and Molecular Medicine*, 21(11), 2937-2949. <http://doi.org/10.1111/jcmm.13206>
- Li, Z., Ba, R., Wang, Z., Wei, J., Zhao, Y., & Wu, W. (2017). Angiogenic Potential of Human Bone Marrow-Derived Mesenchymal Stem Cells in Chondrocyte Brick-Enriched Constructs Promoted Stable Regeneration of Craniofacial Cartilage. *STEM CELLS Translational Medicine*, 6(2), 601-612. <http://doi.org/10.5966/sctm.2016-0050>
- Lin, H.-Y., & Peng, Z.-X. (2017). Nanofibers grafted on titanium alloy: the effects of fiber alignment and density on osteoblast mineralization. *Journal of Materials Science: Materials in Medicine*, 28(9), 140. <http://doi.org/10.1007/s10856-017-5951-2>
- Lin, P., Chang, H., Yeh, C., ... M. C.-J. of the F., & 2017 Transforming growth factor beta 1 increases collagen content, and stimulates procollagen I and tissue inhibitor of metalloproteinase-1 production of dental. *Elsevier*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S0929664616302005>
- Liskova, J., Hadraba, D., Filova, E., Konarik, M., Pirk, J., Jelen, K., & Bacakova, L. (2017). Valve interstitial cell culture: Production of mature type I collagen and precise detection. *Microscopy Research and Technique*, 80(8), 936-942. <http://doi.org/10.1002/jemt.22886>
- Liu, M., Lin, A., Ko, H., Perng, D., ... T. L.-F. in, & 2017 Prevention of Bleomycin-Induced Pulmonary Inflammation and Fibrosis in Mice by Paeonol. *Ncbi.nlm.nih.gov*. Retrieved from <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5374202/>

- Liu, M., Liu, R., Wu, H., ... M. C.-E. and, & 2017 Atorvastatin has a protective effect in a mouse model of bronchial asthma through regulating tissue transglutaminase and triggering receptor expressed on. *Spandidos-Publications.com*. Retrieved from <https://www.spandidos-publications.com/etm/14/2/917?text=fulltext>
- Liu, X., Khadtare, N., Patel, H., ... R. S.-P. P., & 2017 Time-dependent effects of HJP272, an endothelin receptor antagonist, in bleomycin-induced pulmonary fibrosis. *Elsevier*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S1094553917300019>
- Liu, Y., Zhao, D., Qiu, F., Zhang, L., Liu, S., Li, Y., ... 2017 Manipulating PML SUMOylation via silencing UBC9 and RNF4 regulates cardiac fibrosis. *Elsevier*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S1525001617300023>
- Lv, J., Xiong, Y., Li, W., Yang, W., ... L. Z.-T. J. of, & 2017 BLT1 Mediates Bleomycin-Induced Lung Fibrosis Independently of Neutrophils and CD4+ T Cells. *Am Assoc Immunol*. Retrieved from <http://www.jimmunol.org/content/198/4/1673.abstract>
- Ma, J., Bishoff, B., Mercer, R., ... M. B.-T. and applied, & 2017 Role of epithelial-mesenchymal transition (EMT) and fibroblast function in cerium oxide nanoparticles-induced lung fibrosis. *Elsevier*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S0041008X17301199>
- Magno, V., Friedrichs, J., Weber, H., Biomaterialia, M. P.-A., & 2017 Macromolecular crowding for tailoring tissue-derived fibrillated matrices. *Elsevier*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S1742706117302568>
- Maier, C., Ramming, A., ... C. B.-A. of the, & 2017 Inhibition of phosphodiesterase 4 (PDE4) reduces dermal fibrosis by interfering with the release of interleukin-6 from M2 macrophages. *Ard.bmj.com*. Retrieved from <http://ard.bmj.com/content/76/6/1133.abstract>
- Majewska, N., Zaręba, I., Surażyński, A., & Galicka, A. (2017). Methylparaben-induced decrease in collagen production and viability of cultured human dermal fibroblasts. *Journal of Applied Toxicology*, 37(9), 1117-1124. <http://doi.org/10.1002/jat.3466>
- Manitsopoulos, N., Nikitopoulou, I., Respiration, N. M.-, & 2017 Highly Selective Endothelin-1 Receptor A Inhibition Prevents Bleomycin-Induced Pulmonary Inflammation and Fibrosis in Mice. *Karger.com*. Retrieved from <https://www.karger.com/Article/Abstract/481201>
- Masaeli, E., Karamali, F., ... S. L.-J. of M., & 2017 Bio-engineered electrospun nanofibrous membranes using cartilage extracellular matrix particles. *Pubs.rsc.org*. Retrieved from <http://pubs.rsc.org/is/content/articlehtml/2017/tb/c6tb02015a>
- Mattson, J., of, Y. Z.-J., & 2017 Structural and Functional Differences Between Porcine Aorta and Vena Cava. ... *asmedigitalcollection.asme.org*. Retrieved from <https://biomechanical.asmedigitalcollection.asme.org/article.aspx?articleID=2612941>
- Medicine, I. H.-A. J. of, & 2017 Ameliorative effect of apelin on streptozotocin-induced diabetes and its associated cardiac hypertrophy. *Elsevier*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S2090506816301518>
- Meglio, F. Di, Nurzynska, D., ... V. R.-... E. P. C., & 2017 Optimization of Human Myocardium Decellularization Method for the Construction of Implantable Patches. *Online.liebertpub.com*. Retrieved from <http://online.liebertpub.com/doi/abs/10.1089/ten.tec.2017.0267>
- Mehta, K., Coombes, J., ... M. B.-O.-T. A. J., & 2017 Iron enhances hepatic fibrogenesis and activates TGF- $\beta$  signaling in murine hepatic stellate cells. *Amjmedsci.com*. Retrieved from [https://www.amjmedsci.com/article/S0002-9629\(17\)30466-4/fulltext](https://www.amjmedsci.com/article/S0002-9629(17)30466-4/fulltext)

- Mendonça, L. de, ... N. F.-... cell research &, & 2017 Mesenchymal stromal cell therapy reduces lung inflammation and vascular remodeling and improves hemodynamics in experimental pulmonary arterial. *Stemcellres.biomedcentral.com*. Retrieved from <https://stemcellres.biomedcentral.com/articles/10.1186/s13287-017-0669-0>
- Mercado, C. R. (2017). Desarrollo y caracterización de nuevos derivados de cannabinoides no psicotrópicos para el tratamiento de enfermedades inflamatorias. Retrieved from <http://helvia.uco.es/handle/10396/14983>
- Middendorp, L., Kuiper, M., ... C. M.-E. H., & 2017 Local microRNA-133a downregulation is associated with hypertrophy in the dyssynchronous heart. *Wiley Online Library*. Retrieved from <http://onlinelibrary.wiley.com/doi/10.1002/ehf2.12154/full>
- Misa, K., Tanino, Y., Wang, X., ... T. N.-P., & 2017 Involvement of midkine in the development of pulmonary fibrosis. *Am Physiological Soc*. Retrieved from <http://physreports.physiology.org/content/5/16/e13383.abstract>
- Motz, K., Samad, I., Yin, L., ... M. M.-... -Head & N., & 2017 Interferon- $\gamma$  Treatment of Human Laryngotracheal Stenosis-Derived Fibroblasts. *Jamanetwork.com*. Retrieved from <https://jamanetwork.com/journals/jamaotolaryngology/fullarticle/2636594>
- Müller, T., Fay, S., Vieira, R. P., Karmouty-Quintana, H., Cicko, S., Ayata, C. K., ... Idzko, M. (2017). P2Y6 Receptor Activation Promotes Inflammation and Tissue Remodeling in Pulmonary Fibrosis. *Frontiers in Immunology*, 8. <http://doi.org/10.3389/fimmu.2017.01028>
- Müller, T., Fay, S., Vieira, R., Oncotarget, H. K.-Q.-, & 2017 The purinergic receptor subtype P2Y2 mediates chemotaxis of neutrophils and fibroblasts in fibrotic lung disease. *Ncbi.nlm.nih.gov*. Retrieved from <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5482630/>
- Murphy, M. K., Motz, K. M., Ding, D., Yin, L., Duvvuri, M., Feeley, M., & Hillel, A. T. (2017). Targeting metabolic abnormalities to reverse fibrosis in iatrogenic laryngotracheal stenosis. *The Laryngoscope*. <http://doi.org/10.1002/lary.26893>
- Murray, L., Habel, D., Hohmann, M., insight, A. C.-J., & 2017 Antifibrotic role of vascular endothelial growth factor in pulmonary fibrosis. *Ncbi.nlm.nih.gov*. Retrieved from <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5621899/>
- Myllyharju, J., Bertolini, F., Hershkovitz, D., & Sagi Blocking Surgically Induced Lysyl Oxidase Activity Reduces the Risk of Lung Metastases. *Cell.com*. Retrieved from [http://www.cell.com/cell-reports/pdfExtended/S2211-1247\(17\)30478-3](http://www.cell.com/cell-reports/pdfExtended/S2211-1247(17)30478-3)
- Namiri, M., Kazemi Ashtiani, M., Abbasalizadeh, S., Mazidi, Z., Mahmoudi, E., Nikeghbalian, S., ... Baharvand, H. (2017). Improving the biological function of decellularized heart valves through integration of protein tethering and three-dimensional cell seeding in a bioreactor. *Journal of Tissue Engineering and Regenerative Medicine*. <http://doi.org/10.1002/term.2617>
- Nguyen, E. (2017). Electrical Stimulation of Human Dermal Fibroblasts and the Quantification of Collagen, Collagenase, and Elastin. Retrieved from <http://search.proquest.com/openview/c25f5908b2f8696c60d72d7cc1bad0fc/1?pq-origsite=gscholar&cbl=18750&diss=y>
- Nguyen, V.-L., Truong, C.-T., Nguyen, B. C. Q., Vo, T.-N. Van, Dao, T.-T., Nguyen, V.-D., ... Bui, C.-B. (2017). Anti-inflammatory and wound healing activities of calophyllolide isolated from *Calophyllum inophyllum* Linn. *PLOS ONE*, 12(10), e0185674. <http://doi.org/10.1371/journal.pone.0185674>
- Nicolaus, C., Junghanns, S., Hartmann, A., ... R. M.-J. of, & 2017 In vitro studies to evaluate the wound healing properties of *Calendula officinalis* extracts. *Elsevier*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S0378874116322863>



- Nikota, J., Banville, A., Goodwin, L. R., Wu, D., Williams, A., Yauk, C. L., ... Halappanavar, S. (2017). Stat-6 signaling pathway and not Interleukin-1 mediates multi-walled carbon nanotube-induced lung fibrosis in mice: insights from an adverse outcome pathway framework. *Particle and Fibre Toxicology*, 14(1), 37. <http://doi.org/10.1186/s12989-017-0218-0>
- Niu, X., Fan, R., Guo, X., Du, T., Yang, Z., ... Q. F.-J. of M., & 2017 Shear-mediated orientational mineralization of bone apatite on collagen fibrils. *Pubs.rsc.org*. Retrieved from <http://pubs.rsc.org/-/content/articlehtml/2017/tb/c7tb02223a>
- O'Leary, S., Link, J., Klineberg, E., biomaterialia, J. H.-A., & 2017 Characterization of facet joint cartilage properties in the human and interspecies comparisons. *Elsevier*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S1742706117301794>
- Olmos-Zuñiga, J., ... M. S.-M.-B. R., & 2017 Effects of Pirfenidone and Collagen-Polyvinylpyrrolidone on Macroscopic and Microscopic Changes, TGF- $\beta$ 1 Expression, and Collagen Deposition in an Experimental. *Hindawi.com*. Retrieved from <https://www.hindawi.com/journals/bmri/2017/6471071/abs/>
- Park, S.-K., Jin, Y.-D., Park, Y.-K., Yeon, S.-H., Xu, J., Han, R.-N., ... Kim, Y.-M. (2017). IL-25-induced activation of nasal fibroblast and its association with the remodeling of chronic rhinosinusitis with nasal polyposis. *PLOS ONE*, 12(8), e0181806. <http://doi.org/10.1371/journal.pone.0181806>
- Paschos, N. K., Lim, N., Hu, J. C., & Athanasiou, K. A. (2017). Functional properties of native and tissue-engineered cartilage toward understanding the pathogenesis of chondral lesions at the knee: A bovine cadaveric study. *Journal of Orthopaedic Research*, 35(11), 2452-2464. <http://doi.org/10.1002/jor.23558>
- Pedroza, M., To, S., Assassi, S., Wu, M., ... D. T.-, & 2017 Role of STAT3 in skin fibrosis and transforming growth factor beta signalling. *Academic.oup.com*. Retrieved from <https://academic.oup.com/rheumatology/advance-article/doi/10.1093/rheumatology/kex347/4210356>
- Pedroza, M., Welschhans, R. L., & Agarwal, S. K. (2017). Targeting of cadherin-11 decreases skin fibrosis in the tight skin-1 mouse model. *PLOS ONE*, 12(11), e0187109. <http://doi.org/10.1371/journal.pone.0187109>
- Philip, K., Mills, T., Davies, J., Journal, N. C.-T. F., & 2017 HIF1A up-regulates the ADORA2B receptor on alternatively activated macrophages and contributes to pulmonary fibrosis. *FASEB*. Retrieved from <http://www.fasebj.org/content/31/11/4745.short>
- Piccoli, M., D'Angelo, E., Crotti, S., Sensi, F., Urbani, L., Maghin, E., ... Agostini, M. (2017). Decellularized colorectal cancer matrix as bioactive microenvironment for *in vitro* 3D cancer research. *Journal of Cellular Physiology*. <http://doi.org/10.1002/jcp.26403>
- Piccoli, M., Trevisan, C., Maghin, E., ... C. F.-M. in molecular, & 2017 Mouse Skeletal Muscle Decellularization. *Springer*. Retrieved from [http://link.springer.com/protocol/10.1007/7651\\_2017\\_28](http://link.springer.com/protocol/10.1007/7651_2017_28)
- Pinese, C., Jebors, S., Stoebner, P., ... V. H.-M. T., & 2017 Bioactive peptides grafted silicone dressings: A simple and specific method. *Elsevier*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S2468519416300908>
- Poobalasingam, T., Yates, L., ... S. W.-D. models &, & 2017 Heterozygous Vangl2Looptail mice reveal novel roles for the planar cell polarity pathway in adult lung homeostasis and repair. *Dmm.biologists.org*. Retrieved from <http://dmm.biologists.org/content/10/4/409.abstract>
- Poornjad, N. (2017). Decellularization and Recellularization Processes for Whole Porcine Kidneys. Retrieved from <http://search.proquest.com/openview/2bbaf45506564a7e9db88eff1df7dd1d/1?pq-origsite=gscholar&cbl=18750&diss=y>
- Popielarczyk, T. (2017). Homing and Differentiation of Mesenchymal Stem Cells in 3D In Vitro Models. Retrieved from <http://vtechworks.lib.vt.edu/handle/10919/78789>

- Popielarczyk, T., Nain, A., Sciences, J. B.-A., & 2017 Aligned Nanofiber Topography Directs the Tenogenic Differentiation of Mesenchymal Stem Cells. *Mdpi.com*. Retrieved from <http://www.mdpi.com/2076-3417/7/1/59/htm>
- Pozzobon, M., Saggiaro, M., D'Agostino, S., tic, G. B.-, & 2017 Alveolar Rhabdomyosarcoma Decellularization. *Springer*. Retrieved from [http://link.springer.com/protocol/10.1007/7651\\_2017\\_45](http://link.springer.com/protocol/10.1007/7651_2017_45)
- Pozzolini, M., Scarfi, S., Gallus, L., ... S. F.-J. of, & 2017 Silica-induced fibrosis: an ancient response from the early metazoans. *Jeb.biologists.org*. Retrieved from <http://jeb.biologists.org/content/220/21/4007.abstract>
- Pu, L., Meng, M., Wu, J., Zhang, J., Hou, Z., Gao, H., ... Li, Y. (2017). Compared to the amniotic membrane, Wharton's jelly may be a more suitable source of mesenchymal stem cells for cardiovascular tissue engineering and clinical regeneration. *Stem Cell Research & Therapy*, 8(1), 72. <http://doi.org/10.1186/s13287-017-0501-x>
- Pu, L., Wu, J., Pan, X., Hou, Z., Zhang, J., Chen, W., ... Jiang, L. (2017). Determining the optimal protocol for preparing an acellular scaffold of tissue engineered small-diameter blood vessels. *Journal of Biomedical Materials Research Part B: Applied Biomaterials*. <http://doi.org/10.1002/jbm.b.33827>
- Puerta-Arias, J., Pino-Tamayo, P., ... J. A.-M., & 2017 Itraconazole in combination with neutrophil depletion reduces the expression of genes related to pulmonary fibrosis in an experimental model of. *Academic.oup.com*. Retrieved from <https://academic.oup.com/mmy/article-abstract/doi/10.1093/mmy/myx087/4372453>
- Rajabi, S., Jalili-Firoozinezhad, S., Ashtiani, M. K., Le Carrou, G., Tajbakhsh, S., & Baharvand, H. (2017). Effect of chemical immobilization of SDF-1 $\alpha$  into muscle-derived scaffolds on angiogenesis and muscle progenitor recruitment. *Journal of Tissue Engineering and Regenerative Medicine*. <http://doi.org/10.1002/term.2479>
- Ravikumar, K., Boda, S., Bioelectrochemistry, B. B.-, & 2017 Synergy of substrate conductivity and intermittent electrical stimulation towards osteogenic differentiation of human mesenchymal stem cells. *Elsevier*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S1567539416301530>
- Rengasamy, M., Singh, G., Fakharuzi, N. A., Siddikuzzaman, Balasubramanian, S., Swamynathan, P., ... Majumdar, A. S. (2017). Transplantation of human bone marrow mesenchymal stromal cells reduces liver fibrosis more effectively than Wharton's jelly mesenchymal stromal cells. *Stem Cell Research & Therapy*, 8(1), 143. <http://doi.org/10.1186/s13287-017-0595-1>
- Rodríguez, F., Morán, L., González, G., Troncoso, E., & Zúñiga, R. N. (2017). Collagen extraction from mussel byssus: a new marine collagen source with physicochemical properties of industrial interest. *Journal of Food Science and Technology*, 54(5), 1228-1238. <http://doi.org/10.1007/s13197-017-2566-z>
- Ross, G., Bajwa, T., Edwards, S., ... L. E.-B., & 2017 Enhanced store-operated Ca<sup>2+</sup> influx and ORAI1 expression in ventricular fibroblasts from human failing heart. *Bio.biologists.org*. Retrieved from <http://bio.biologists.org/content/6/3/326.abstract>
- Ryu, A., Kang, M., Biology, M. L.-J. of E., & 2017 In-vitro studies on antioxidant, anti-melanogenic and anti-wrinkle effects of medicinal plant Glycyrrhiza uralensis. *Search.proquest.com*. Retrieved from <http://search.proquest.com/openview/7d3ecd182e26b9caccfc9672b6394d7/1?pq-origsite=gscholar&cbl=636374>
- Ryu, A., therapy, M. L.-P. and photodynamic, & 2017 Chlorin e6-mediated photodynamic therapy promotes collagen production and suppresses MMPs expression via modulating AP-1 signaling in P. acnes-stimulated. *Pdpdt-Journal.com*. Retrieved from [http://www.pdpdt-journal.com/article/S1572-1000\(16\)30219-8/abstract](http://www.pdpdt-journal.com/article/S1572-1000(16)30219-8/abstract)
- Ryzhuk, V., Zeng, X., Wang, X., ... V. M.-M. S. and, & 2017 Human amnion extracellular matrix derived bioactive hydrogel for cell delivery and tissue engineering. *Elsevier*. Retrieved from <https://www.sciencedirect.com/science/article/pii/S0928493117318908>
- Salhiyyah, K., Sarathchandra, P., ... N. L.-A. J. of, & 2017 Hypoxia-mediated regulation of the secretory properties of mitral valve interstitial cells. *Am Physiological Soc*. Retrieved from <http://ajpheart.physiology.org/content/313/1/h14.abstract>

- Salifu, A. A., Lekakou, C., & Labeed, F. H. (2017). Electrospun oriented gelatin-hydroxyapatite fiber scaffolds for bone tissue engineering. *Journal of Biomedical Materials Research Part A*, 105(7), 1911-1926. <http://doi.org/10.1002/jbm.a.36058>
- Sennello, J. A., Misharin, A. V, Flozak, A. S., Berdnikovs, S., Cheresch, P., Varga, J., ... Lam, A. P. (2016). Lrp5/ $\beta$ -catenin Signaling Controls Lung Macrophage Differentiation and Inhibits Resolution of Fibrosis. *American Journal of Respiratory Cell and Molecular Biology*, rcmb.2016-0147OC. <http://doi.org/10.1165/rcmb.2016-0147OC>
- Seo, Y., Jung, Y., biomaterialia, S. K.-A., & 2017 Decellularized Heart ECM Hydrogel using Supercritical Carbon Dioxide for Improved Angiogenesis. *Elsevier*. Retrieved from <https://www.sciencedirect.com/science/article/pii/S1742706117307432>
- Shah, B., of, N. C.-J., & 2017 Optimization of Hydrostatic Pressure Loading on Nucleus Pulposus Cells using a High-throughput Bioreactor. ... *asmedigitalcollection.asme.org*. Retrieved from <http://manufacturingscience.asmedigitalcollection.asme.org/data/journals/jbendy/0/bio-17-1360.pdf?resultclick=1>
- Sharma, P., Yi, R., Nayak, A., Wang, N., ... F. T.-S., & 2017 Bitter Taste Receptor Agonists Mitigate Features of Allergic Asthma in Mice. *Ncbi.nlm.nih.gov*. Retrieved from <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5387415/>
- Shetty, S., Tiwari, N., ... A. M.-T. A. journal of, & 2017 p53 and miR-34a Feedback Promotes Lung Epithelial Injury and Pulmonary Fibrosis. *Elsevier*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S0002944017301967>
- Sibinska, Z., Tian, X., ... M. K.-E., & 2017 Amplified canonical transforming growth factor- $\beta$  signalling via heat shock protein 90 in pulmonary fibrosis. *Eur Respiratory Soc*. Retrieved from <http://erj.ersjournals.com/content/49/2/1501941.abstract>
- Smith, S., Emery, R., Pitsillides, A., Clarkin, C., Analyst, S. M.-, & 2017 Detection of early osteogenic commitment in primary cells using Raman spectroscopy. *Pubs.rsc.org*. Retrieved from <http://pubs.rsc.org/-/content/articlehtml/2010/an/c6an02469f>
- Spaniol, K. (n.d.). Bio-engineering of porcine lacrimal gland tissue with secretory capacity. *D-Nb.info*. Retrieved from <https://d-nb.info/1140219774/34>
- Sridharan, B., Laflin, A. D., & Detamore, M. S. (2017). Generating Chondromimetic Mesenchymal Stem Cell Spheroids by Regulating Media Composition and Surface Coating. *Cellular and Molecular Bioengineering*. <http://doi.org/10.1007/s12195-017-0517-4>
- Tamò, L., Simillion, C., Hibaoui, Y., Feki, A., Gugger, M., Prasse, A., ... Gazdhar, A. (2017). Gene Network Analysis of Interstitial Macrophages After Treatment with Induced Pluripotent Stem Cells Secretome (iPSC-cm) in the Bleomycin Injured Rat Lung. *Stem Cell Reviews and Reports*. <http://doi.org/10.1007/s12015-017-9790-9>
- Tan, J., Tedrow, J., Nouraie, M., ... J. D.-T. J. of, & 2017 Loss of Twist1 in the Mesenchymal Compartment Promotes Increased Fibrosis in Experimental Lung Injury by Enhanced Expression of CXCL12. *Am Assoc Immunol*. Retrieved from <http://www.jimmunol.org/content/198/6/2269.abstract>
- Tan, Z., Liu, Q., Jiang, R., Lv, L., Shoto, S., ... I. M.-C. & molecular, & 2017 Interleukin-33 drives hepatic fibrosis through activation of hepatic stellate cells. *Nature.com*. Retrieved from <https://www.nature.com/cmi/journal/vaop/ncurrent/full/cmi201663a.html>
- Tanaka, K., Niino, T., Ishihara, T., Takafuji, A., reports, T. T.-S., & 2017 Protective and therapeutic effect of felodipine against bleomycin-induced pulmonary fibrosis in mice. *Nature.com*. Retrieved from <https://www.nature.com/articles/s41598-017-03676-y>
- Tsubouchi, K., Araya, J., Minagawa, S., Hara, H., Ichikawa, A., Saito, N., ... Kuwano, K. (2017). Azithromycin attenuates myofibroblast differentiation and lung fibrosis development through proteasomal degradation of NOX4. *Autophagy*, 13(8), 1420-1434. <http://doi.org/10.1080/15548627.2017.1328348>

- Tsukioka, T., Takemura, S., Minamiyama, Y., *Molecules*, S. M., & 2017, undefined. (n.d.). Attenuation of Bleomycin-Induced Pulmonary Fibrosis in Rats with S-Allyl Cysteine. *Mdpi.com*. Retrieved from <http://www.mdpi.com/1420-3049/22/4/543/htm>
- Uhl, F. E., Wagner, D. E., & Weiss, D. J. (2017). Preparation of Decellularized Lung Matrices for Cell Culture and Protein Analysis (pp. 253-283). [http://doi.org/10.1007/978-1-4939-7113-8\\_18](http://doi.org/10.1007/978-1-4939-7113-8_18)
- van Middendorp, L. B., Kuiper, M., Munts, C., Wouters, P., Maessen, J. G., van Nieuwenhoven, F. A., & Prinzen, F. W. (2017). Local microRNA-133a downregulation is associated with hypertrophy in the dyssynchronous heart. *ESC Heart Failure*, 4(3), 241-251. <http://doi.org/10.1002/ehf2.12154>
- Vapniarsky, N., Aryaei, A., Arzi, B., Hatcher, D. C., Hu, J. C., & Athanasiou, K. A. (2017). The Yucatan Minipig Temporomandibular Joint Disc Structure-Function Relationships Support Its Suitability for Human Comparative Studies. *Tissue Engineering Part C: Methods*, 23(11), 700-709. <http://doi.org/10.1089/ten.tec.2017.0149>
- Vatankhah, E., ... M. P.-M. S. and, & 2017 Biomimetic microenvironment complexity to redress the balance between biodegradation and de novo matrix synthesis during early phase of vascular tissue. *Elsevier*. Retrieved from <https://www.sciencedirect.com/science/article/pii/S0928493117311219>
- Venkatadri, R., Iyer, A. K. V., Ramesh, V., Wright, C., Castro, C. A., Yakisich, J. S., & Azad, N. (2017). MnTBAP Inhibits Bleomycin-Induced Pulmonary Fibrosis by Regulating VEGF and Wnt Signaling. *Journal of Cellular Physiology*, 232(3), 506-516. <http://doi.org/10.1002/jcp.25608>
- Wada, N., Shimizu, T., Takai, S., Shimizu, N., Tyagi, P., Kakizaki, H., & Yoshimura, N. (2017). Combinational effects of muscarinic receptor inhibition and  $\beta_3$ -adrenoceptor stimulation on neurogenic bladder dysfunction in rats with spinal cord injury. *Neurourology and Urodynamics*, 36(4), 1039-1045. <http://doi.org/10.1002/nau.23066>
- Wagner, E. R., Parry, J., Dadsetan, M., Bravo, D., Riester, S. M., van Wijnen, A. J., ... Kakar, S. (2017). Chondrocyte Attachment, Proliferation, and Differentiation on Three-Dimensional Polycaprolactone Fumarate Scaffolds. *Tissue Engineering Part A*, 23(13-14), 622-629. <http://doi.org/10.1089/ten.tea.2016.0341>
- Wang, K., Zhang, T., Lei, Y., Li, X., Jiang, J., Lan, J., ... Wei, Y. (2017). Identification of ANXA2 (annexin A2) as a specific bleomycin target to induce pulmonary fibrosis by impeding TFEB-mediated autophagic flux. *Autophagy*, 1-56. <http://doi.org/10.1080/15548627.2017.1409405>
- Wang, X., Liao, Y.-P., Telesca, D., Chang, C. H., Xia, T., & Nel, A. E. (2017). The Genetic Heterogeneity among Different Mouse Strains Impacts the Lung Injury Potential of Multiwalled Carbon Nanotubes. *Small*, 13(33), 1700776. <http://doi.org/10.1002/sml.201700776>
- Witt, J., Mertsch, S., Borrelli, M., Dietrich, J., biomaterialia, G. G.-A., & 2017 Decellularised conjunctiva for ocular surface reconstruction. *Elsevier*. Retrieved from <https://www.sciencedirect.com/science/article/pii/S1742706117307511>
- Wright, C., Iyer, A. K. V., Wang, L., Wu, N., Yakisich, J. S., Rojanasakul, Y., & Azad, N. (2017). Effects of titanium dioxide nanoparticles on human keratinocytes. *Drug and Chemical Toxicology*, 40(1), 90-100. <http://doi.org/10.1080/01480545.2016.1185111>
- Xu, R., Wei, B., Li, J., Huang, C., Lin, R., ... C. T.-... medical journal of, & 2017 Investigations of Cartilage Matrix Degeneration in Patients with Early-Stage Femoral Head Necrosis. *Ncbi.nlm.nih.gov*. Retrieved from <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5727749/>
- Xu, Y., ... L. C.-J. of P.-L. C. and, & 2017 Long-term nicotine exposure dampens LPS-induced nerve-mediated airway hyperreactivity in murine airways. *Am Physiological Soc*. Retrieved from <http://ajplung.physiology.org/content/313/3/L516.abstract>
- Xue, L., Zhang, X., Niu, G., ... B. Y.-J. of B., & 2017 Characterization of Sodium Dodecyl Sulfate Decellularized Cow Diaphragmatic Tendon Extracellular Matrix as Sling Biomaterial in Stress Urinary Incontinence. *Ingentaconnect.com*. Retrieved from <http://www.ingentaconnect.com/contentone/asp/jbte/2017/00000007/00000001/art00011>

- Yamazaki, R., Kasuya, Y., Fujita, T., Journal, H. U.-T. F., & 2017 Antifibrotic effects of cyclosporine A on TGF- $\beta$ 1-treated lung fibroblasts and lungs from bleomycin-treated mice: role of hypoxia-inducible factor-1 $\alpha$ . *FASEB*. Retrieved from <http://www.fasebj.org/content/early/2017/04/25/fj.201601357R.abstract>
- Yan, X., Wu, H., Wu, Z., Hua, F., Liang, D., ... H. S.-F. in, & 2017 The new synthetic H<sub>2</sub>S-releasing SDSS protects MC3T3-E1 osteoblasts against H<sub>2</sub>O<sub>2</sub>-induced apoptosis by suppressing oxidative stress, inhibiting MAPKs. *Ncbi.nlm.nih.gov*. Retrieved from <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5247634/>
- Yang, J., Li, Y., Xue, F., Liu, W., Res, S. Z.-A. J. T., & 2017 Exosomes derived from cardiac telocytes exert positive effects on endothelial cells. *Ajtr.org*. Retrieved from <http://www.ajtr.org/files/ajtr0067290.pdf>
- Yang, Y., Kim, H. J., Woo, K.-J., Cho, D., & Bang, S. I. (2017). Lipo-PGE1 suppresses collagen production in human dermal fibroblasts via the ERK/Ets-1 signaling pathway. *PLOS ONE*, 12(6), e0179614. <http://doi.org/10.1371/journal.pone.0179614>
- Yee, M., Domm, W., Gelein, R., Bentley, K. L. de M., Kottmann, R. M., Sime, P. J., ... O'Reilly, M. A. (2017). Alternative Progenitor Lineages Regenerate the Adult Lung Depleted of Alveolar Epithelial Type 2 Cells. *American Journal of Respiratory Cell and Molecular Biology*, 56(4), 453-464. <http://doi.org/10.1165/rcmb.2016-01500C>
- Yi, H., Forsythe, S., He, Y., Liu, Q., Xiong, G., Wei, S., ... 2017 Tissue-specific extracellular matrix promotes myogenic differentiation of human muscle progenitor cells on gelatin and heparin conjugated alginate hydrogels. *Elsevier*. Retrieved from <https://www.sciencedirect.com/science/article/pii/S1742706117305251>
- Yousefi, K., Hamedeyazdan, S., Hodaiei, D., ... F. L.-B., & 2017 An in vitro ethnopharmacological study on Prangos ferulacea: a wound healing agent. *Ncbi.nlm.nih.gov*. Retrieved from <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5524988/>
- Yuan, H., & Gao, J. (2017). The role of miR-370 in fibrosis after myocardial infarction. *Molecular Medicine Reports*, 15(5), 3041-3047. <http://doi.org/10.3892/mmr.2017.6397>
- Zhang, F., Han, X., Zhang, F., Ma, X., ... D. X.-I., & 2017 Therapeutic efficacy of a co-blockade of IL-13 and IL-25 on airway inflammation and remodeling in a mouse model of asthma. *Elsevier*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S1567576917300954>
- Zhang, Y., Lv, R., Hu, X., Jiang, L., Xiao, D., Sun, Y., ... Xie, J. (2017). The Role of IL-33 on LPS-Induced Acute Lung Injury in Mice. *Inflammation*, 40(1), 285-294. <http://doi.org/10.1007/s10753-016-0479-z>
- Zhao, B., Zhang, Y., Han, S., Zhang, W., Zhou, Q., Guan, H., ... Hu, D. (2017). Exosomes derived from human amniotic epithelial cells accelerate wound healing and inhibit scar formation. *Journal of Molecular Histology*, 48(2), 121-132. <http://doi.org/10.1007/s10735-017-9711-x>
- Zhou, X., Wang, H., Zhang, J., Li, X., Wu, Y., Wei, Y., ... 2017 Functional poly ( $\epsilon$ -caprolactone)/chitosan dressings with nitric oxide-releasing property improve wound healing. *Elsevier*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S1742706117301733>
- Zhou, Y., Richards, A. M., & Wang, P. (2017). Characterization and Standardization of Cultured Cardiac Fibroblasts for *Ex Vivo* Models of Heart Fibrosis and Heart Ischemia. *Tissue Engineering Part C: Methods*, 23(7), 422-433. <http://doi.org/10.1089/ten.tec.2017.0169>
- Zhou, Y., Yu, J., Liu, J., Cao, R., Su, W., Li, S., ... 2017 Induction of cytochrome P450 4A14 contributes to angiotensin II-induced renal fibrosis in mice. *Elsevier*. Retrieved from <https://www.sciencedirect.com/science/article/pii/S0925443917304829>

## Sircol Citations 2016

- Abe, K., Sugiura, H., & Hashimoto, Y. (2016). Possible role of Krüppel-like factor 5 in the remodeling of small airways and pulmonary vessels in chronic obstructive pulmonary disease. *Respiratory*. Retrieved from <https://respiratory-research.biomedcentral.com/articles/10.1186/s12931-016-0322-y>
- Akashi, K., Saegusa, J., & Sendo, S. (2016). Knockout of endothelin type B receptor signaling attenuates bleomycin-induced skin sclerosis in mice. *Arthritis*. Retrieved from <https://arthritis-research.biomedcentral.com/articles/10.1186/s13075-016-1011-4>
- Alonso, J., Turrioni, A., & Basso, F. (2016). Synthesis of dental matrix proteins and viability of odontoblast-like cells irradiated with blue LED. *Lasers in Medical*. Retrieved from <http://link.springer.com/article/10.1007/s10103-016-1889-8>
- Ansel, J., Lupo, E., Mijouin, L., Guillot, S., & Butaud, J. (2016). Biological Activity of Polynesian Calophyllum inophyllum Oil Extract on Human Skin Cells. *Planta*. Retrieved from <https://www.thieme-connect.com/products/ejournals/html/10.1055/s-0042-108205>
- Arabpour, M., Cool, R., Faber, K., & Quax, W. (2016). Receptor-specific TRAIL as a means to achieve targeted elimination of activated hepatic stellate cells. *Journal of Drug*. Retrieved from <http://www.tandfonline.com/doi/abs/10.1080/1061186X.2016.1262867>
- Aramwit, P., Yamdech, R., & Ampawong, S. (2016). Controlled Release of Chitosan and Sericin from the Microspheres-Embedded Wound Dressing for the Prolonged Anti-microbial and Wound Healing Efficacy. *The AAPS Journal*. Retrieved from <http://link.springer.com/article/10.1208/s12248-016-9897-y>
- Atanelishvili, I., Shirai, Y., Akter, T., & Buckner, T. (2016). M10, a caspase cleavage product of the hepatocyte growth factor receptor, interacts with Smad2 and demonstrates antifibrotic properties in vitro and in vivo. *Translational*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S193152441500451X>
- Bacakova, M., Musilkova, J., & Riedel, T. (2016). The potential applications of fibrin-coated electrospun polylactide nanofibers in skin tissue engineering. *International Journal*. Retrieved from <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4772944/>
- Balogh, D., Biskup, J., & O'Sullivan, M. (2016). Biochemical, histologic, and biomechanical characterization of native and decellularized flexor tendon specimens harvested from the pelvic limbs of orthopedically. *American Journal of*. Retrieved from <http://avmajournals.avma.org/doi/abs/10.2460/ajvr.77.4.388>
- Bei, Y., Hua-Huy, T., Nicco, C., & Duong-Quy, S. (2016). RhoA/Rho-kinase activation promotes lung fibrosis in an animal model of systemic sclerosis. *Experimental Lung*. Retrieved from <http://www.tandfonline.com/doi/abs/10.3109/01902148.2016.1141263>
- Benjamin, J., Meer, R. van der, Im, A., & Plosa, E. (2016). Epithelial-Derived Inflammation Disrupts Elastin Assembly and Alters Saccular Stage Lung Development. *The American Journal of*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S0002944016300657>
- Birjandi, S., Palchevskiy, V., Xue, Y., & Nunez, S. (2016). CD4+ CD25 hi Foxp3+ Cells Exacerbate Bleomycin-Induced Pulmonary Fibrosis. *The American Journal of*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S0002944016301286>
- Boehme, S., Franz-Bacon, K., DiTirro, D., & Ly, T. (2016). MAP3K19 is a novel regulator of TGF- $\beta$  signaling that impacts bleomycin-induced lung injury and pulmonary fibrosis. *PLoS One*. Retrieved from <http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0154874&elqTrackId=483e14d9d344418cbf28>
- Böhm, M. (2016). Charakterisierung der induzierbaren Stickstoffmonoxid-Synthase (NOS2) im experimentellen Modell der Druck-induzierten Rechtsherzhypertrophie. Retrieved from <http://geb.uni-giessen.de/geb/volltexte/2016/12101/>

- Böse, T., Unger, R., Götz, H., Gotman, I., & Gutmanas, E. (n.d.). Enhanced mesenchymal stem cell differentiation on load-bearing trabecular nitinol scaffolds by medium perfusion. *Abiodem.com*. Retrieved from [http://abiodem.com/download/files/abiodem\\_2015\\_no2\\_p95\\_boese\\_et\\_al.pdf](http://abiodem.com/download/files/abiodem_2015_no2_p95_boese_et_al.pdf)
- Brown, W., & Hu, J. (2016). Ammonium-Chloride-Potassium Lysing Buffer Treatment of Fully Differentiated Cells Increases Cell Purity and Resulting Neotissue Functional Properties. *Tissue Engineering Part C*. Retrieved from <http://online.liebertpub.com/doi/abs/10.1089/ten.tec.2016.0184>
- Brown, W., Hu, J., & Athanasiou, K. (2016). ACK lysing buffer treatment of fully differentiated cells increases cell purity and resulting neotissue functional properties. *Tissue Engineering. Part C*,. Retrieved from <https://escholarship.org/uc/item/67j079tj.pdf>
- Burgy, O., Wettstein, G., & Bellaye, P. (2016). Deglycosylated bleomycin has the antitumor activity of bleomycin without pulmonary toxicity. *Science Translational*. Retrieved from <http://stm.sciencemag.org/content/8/326/326ra20.abstract>
- Byrne, A., Weiss, M., Mathie, S., & Walker, S. (2016). A critical role for IRF5 in regulating allergic airway inflammation. *Mucosal*. Retrieved from <http://www.nature.com/mi/journal/vaop/ncurrent/full/mi201692a.html>
- Cabral, W., Ishikawa, M., Garten, M., & Makareeva, E. (2016). Absence of the ER cation channel TMEM38B/TRIC-B disrupts intracellular calcium homeostasis and dysregulates collagen synthesis in recessive. *PLoS*. Retrieved from <http://journals.plos.org/plosgenetics/article?id=10.1371/journal.pgen.1006156>
- Chen, K., Ng, K., Ravi, S., & Goh, J. (2016). In vitro generation of whole osteochondral constructs using rabbit bone marrow stromal cells, employing a two-chambered co-culture well design. *Journal of Tissue*. Retrieved from <http://onlinelibrary.wiley.com/doi/10.1002/term.1716/full>
- Chen, N., Guo, D., Guo, Y., Sun, Y., Bi, H., & Ma, X. (2016). Paclitaxel inhibits cell proliferation and collagen lattice contraction via TGF- $\beta$  signaling pathway in human tenon's fibroblasts in vitro. *European Journal of*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S0014299916301029>
- Chen, W., Wang, Z., & Missinato, M. (2016). Decellularized zebrafish cardiac extracellular matrix induces mammalian heart regeneration. *Science*. Retrieved from <http://advances.sciencemag.org/content/2/11/e1600844.abstract>
- Cheng, J., Dackor, R., Bradbury, J., Li, H., & DeGraff, L. (2016). Contribution of alveolar type II cell-derived cyclooxygenase-2 to basal airway function, lung inflammation, and lung fibrosis. *The FASEB Journal*. Retrieved from <http://www.fasebj.org/content/30/1/160.short>
- Cheng, M., Wu, G., Song, Y., Wang, L., & Tu, L. (2016). Celastrol-Induced Suppression of the MiR-21/ERK Signalling Pathway Attenuates Cardiac Fibrosis and Dysfunction. *Cellular Physiology and*. Retrieved from <http://www.karger.com/Article/FullText/445554>
- Chester, A. (2016). Effect of Side-Specific Valvular Shear Stress on the Content of Extracellular Matrix in Aortic Valves. Retrieved from <https://spiral.imperial.ac.uk/handle/10044/1/41341>
- Cho, S., Moon, J., Lee, C., & Choi, A. (2016). GLUT-1-Dependent Glycolysis is Increased During Aging-related Lung Fibrosis and Phloretin Inhibits Lung Fibrosis. *American Journal of*. Retrieved from <http://www.atsjournals.org/doi/abs/10.1165/rcmb.2016-0225OC>
- Chung, C., Kao, Y., Yao, C., & Lin, Y. (2016). A Comparison of Left and Right Atrial Fibroblasts Reveals Different Collagen Production Activity and Stress-induced Mitogen-activated Protein Kinase Signaling in. *Acta*. Retrieved from <http://onlinelibrary.wiley.com/doi/10.1111/apha.12835/full>
- Connell, P., Azimuddin, A., Kim, S., & Ramirez, F. (2016). Regurgitation hemodynamics alone cause mitral valve remodeling characteristic of clinical disease states in vitro. *Annals of Biomedical*. Retrieved from <http://link.springer.com/article/10.1007/s10439-015-1398-0>

- Correia, C., Gil, S., & Reis, R. (2016). A Closed Chondromimetic Environment within Magnetic-Responsive Liquified Capsules Encapsulating Stem Cells and Collagen II/TGF- $\beta$ 3 Microparticles. *Advanced Healthcare*. Retrieved from <http://onlinelibrary.wiley.com/doi/10.1002/adhm.201600034/full>
- D'Alessio, F., Craig, J., & Singer, B. (2016). Enhanced resolution of experimental ARDS through IL-4-mediated lung macrophage reprogramming. *American Journal of*. Retrieved from <http://ajplung.physiology.org/content/310/8/L733.abstract>
- Dandley, E., & Taylor, A. (2016). Atomic layer deposition coating of carbon nanotubes with zinc oxide causes acute phase immune responses in human monocytes in vitro and in mice after. *Particle and*. Retrieved from <https://particleandfibretotoxicology.biomedcentral.com/articles/10.1186/s12989-016-0141-9>
- Deegan, D., Zimmerman, C., Skardal, A., & Atala, A. (2016). Stiffness of hyaluronic acid gels containing liver extracellular matrix supports human hepatocyte function and alters cell morphology. *Journal of the*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S1751616115003896>
- Dodson, R., Miller, T., & Powers, K. (2016). Intrauterine Growth Restriction Influences Vascular Remodeling and Stiffening in the Weanling Rat More than Sex or Diet. *American Journal of*. Retrieved from <http://ajpheart.physiology.org/content/early/2016/11/23/ajpheart.00610.2016.abstract>
- Dogan, V. (n.d.). Aus der Klinik für Rheumatologie und Immunologie der Friedrich-Alexander-Universität Erlangen-Nürnberg Direktor: Prof. Dr. med. Georg Schett. *opus4.kobv.de*. Retrieved from <https://opus4.kobv.de/opus4-fau/files/7195/Dissertation+Volkan+Dogan.pdf>
- Domergue, S., Bony, C., Maumus, M., Toupet, K., & Frouin, E. (2016). Comparison between stromal vascular fraction and adipose mesenchymal stem cells in remodeling hypertrophic scars. *PloS One*. Retrieved from <http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0156161>
- Du, W., Liang, H., Gao, X., Li, X., Zhang, Y., & Pan, Z. (2016). MicroRNA-328, a Potential Anti-Fibrotic Target in Cardiac Interstitial Fibrosis. *Cellular Physiology and*. Retrieved from <http://www.karger.com/Article/Abstract/447793>
- Elaidy, S., & Essawy, S. (2016). The antifibrotic effects of alveolar macrophages 5-HT<sub>2C</sub> receptors blockade on bleomycin-induced pulmonary fibrosis in rats. *Pharmacological Reports*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S1734114016301104>
- Estrada, M., Rebelo, S., Davies, E., Pinto, M., & Pereira, H. (2016). Modelling the tumour microenvironment in long-term microencapsulated 3D co-cultures recapitulates phenotypic features of disease progression. *Biomaterials*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S0142961215009345>
- Fan, Y., Hsia, C., Tseng, K., & Liao, C. (2016). The Therapeutic Potential of Human Umbilical Mesenchymal Stem Cells From Wharton's Jelly in the Treatment of Rat Peritoneal Dialysis-Induced Fibrosis. *Stem Cells*. Retrieved from <http://onlinelibrary.wiley.com/doi/10.5966/sctm.2015-0001/full>
- Fauzi, M., Lokanathan, Y., & Aminuddin, B. (2016). Ovine tendon collagen: Extraction, characterisation and fabrication of thin films for tissue engineering applications. *Materials Science and*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S0928493116305392>
- Fischer, S., Hirche, C., Diehm, Y., Nuutila, K., & Kiefer, J. (2016). Efficacy and Safety of the Collagenase of the Bacterium *Clostridium Histolyticum* for the Treatment of Capsular Contracture after Silicone Implants: Ex-Vivo. *PloS One*. Retrieved from <http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0156428>
- Fukunishi, T., Best, C., Sugiura, T., & Opfermann, J. (2016). Preclinical study of patient-specific cell-free nanofiber tissue-engineered vascular grafts using 3-dimensional printing in a sheep model. *The Journal of Thoracic*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S0022522316314660>
- Geng, X., Dufu, K., Hutchaleelaha, A., & Xu, Q. (2016). Increased hemoglobin-oxygen affinity ameliorates bleomycin-induced hypoxemia and pulmonary fibrosis. *Physiological*. Retrieved from <http://physreports.physiology.org/content/4/17/e12965.abstract>



- Gilmer, J., Serve, K., Davis, C., & Anthony, M. (2016). Libby amphibole-induced mesothelial cell autoantibodies promote collagen deposition in mice. *American Journal of*. Retrieved from <http://ajplung.physiology.org/content/310/11/L1071.abstract>
- Griffin, K. (2016). The Role of Transglutaminases in the Development of Abdominal Aortic Aneurysms. Retrieved from <http://etheses.whiterose.ac.uk/13774/>
- Guan, Y., Liu, X., Li, K., Zhang, X., Liu, T., Liu, S., & Kong, F. (2016). Evaluation of two kinds of materials for whole kidney regeneration. *Int J Clin Exp*. Retrieved from <http://www.ijcep.com/files/ijcep0023974.pdf>
- Harris, S., Falla, T., & Zhang, L. (2016). Peptide fragments for inducing synthesis of extracellular matrix proteins. *US Patent 9,447,143*. Retrieved from <https://www.google.com/patents/US9447143>
- Hashimoto, Y., Sugiura, H., & Togo, S. (2016). 27-Hydroxycholesterol accelerates cellular senescence in human lung resident cells. *American Journal of*. Retrieved from <http://ajplung.physiology.org/content/310/11/L1028.abstract>
- Heathman, T., Rafiq, Q., & Chan, A. (2016). Characterization of human mesenchymal stem cells from multiple donors and the implications for large scale bioprocess development. *Biochemical*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S1369703X15300073>
- Heathman, T., Stolzing, A., Fabian, C., & Rafiq, Q. (2016). Scalability and process transfer of mesenchymal stromal cell production from monolayer to microcarrier culture using human platelet lysate. *Cytotherapy*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S1465324916000189>
- Hoffman, S., Chapman, D., & Lahue, K. (2016). Protein disulfide isomerase-endoplasmic reticulum resident protein 57 regulates allergen-induced airways inflammation, fibrosis, and hyperresponsiveness. *Journal of Allergy and*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S0091674915012427>
- Hsieh, Y., Chen, H., Lin, H., & Yang, H. (2016). Epigallocatechin-3-gallate inhibits transforming-growth-factor- $\beta$ 1-induced collagen synthesis by suppressing early growth response-1 in human buccal. *Journal of the Formosan*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S0929664616000553>
- Hu, Y., Zhang, L., Wu, X., Hou, L., Li, Z., Ju, J., ... Li, J. (2016). Bisphenol A, an environmental estrogen-like toxic chemical, induces cardiac fibrosis by activating the ERK1/2 pathway. *Toxicology Letters*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S0378427416300443>
- Huang, B., Hu, J., & Athanasiou, K. (2016). Effects of passage number and post-expansion aggregate culture on tissue engineered, self-assembled neocartilage. *Acta Biomaterialia*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S1742706116303798>
- Huang, B., Huey, D., & Hu, J. (2016). Engineering biomechanically functional neocartilage derived from expanded articular chondrocytes through the manipulation of cell-seeding density and. *Journal of Tissue*. Retrieved from <http://onlinelibrary.wiley.com/doi/10.1002/term.2132/full>
- Huang, J. (n.d.). Evaluation der Wirksamkeit des Tyrosinkinase-Inhibitors Nintedanib und Charakterisierung der Rolle der Tyrosinphosphatase SHP2 in präklinischen Modellen. *opus4.kobv.de*. Retrieved from <https://opus4.kobv.de/opus4-fau/frontdoor/deliver/index/docId/7003/file/jingangdissertation.pdf>
- Hubscher, C., Montgomery, L., & Fell, J. (2016). Effects of exercise training on urinary tract function after spinal cord injury. *American Journal of*. Retrieved from <http://ajprenal.physiology.org/content/310/11/F1258.abstract>
- Hussein, K., Park, K., & Ghim, J. (2016). Three dimensional culture of HepG2 liver cells on a rat decellularized liver matrix for pharmacological studies. *Journal of Biomedical*. Retrieved from <http://onlinelibrary.wiley.com/doi/10.1002/jbm.b.33384/full>

- Hutcheson, J., Goettsch, C., Bertazzo, S., & Maldonado, N. (2016). Genesis and growth of extracellular-vesicle-derived microcalcification in atherosclerotic plaques. *Nature Materials*. Retrieved from <http://www.nature.com/nmat/journal/v15/n3/abs/nmat4519.html>
- Hyung, J., Ahn, C., & Je, J. (2016). Osteoblastogenic activity of ark shell protein hydrolysates with low molecular weight in mouse mesenchymal stem cells. *RSC Advances*. Retrieved from <http://pubs.rsc.org/-/content/articlehtml/2016/ra/c6ra00898d>
- Jalili-Firoozinezhad, S., & Rajabi-Zeleti, S. (2016). Influence of decellularized pericardium matrix on the behavior of cardiac progenitors. *Journal of Applied*. Retrieved from <http://onlinelibrary.wiley.com/doi/10.1002/app.43255/full>
- Jeon, W., Shin, I., Shin, H., Jin, S., & Lee, M. (2016). Aqueous Extract of Gumiganghwal-tang, a Traditional Herbal Medicine, Reduces Pulmonary Fibrosis by Transforming Growth Factor- $\beta$ 1/Smad Signaling. *PLoS One*. Retrieved from <http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0164833>
- Jung, H., Lee, E., Lee, T., & Cho, M. (2016). The Methoxyflavonoid Isosakuranetin Suppresses UV-B-Induced Matrix Metalloproteinase-1 Expression and Collagen Degradation Relevant for Skin. *International Journal of Molecular*. Retrieved from <http://www.mdpi.com/1422-0067/17/9/1449/htm>
- Kadekawa, K., Majima, T., & Kawamorita, N. (2016). Effects of an  $\alpha$ 1A/D-adrenoceptor antagonist, naftopidil, and a phosphodiesterase type 5 inhibitor, tadalafil, on urinary bladder remodeling in rats with spinal cord. *Neurourology and*. Retrieved from <http://onlinelibrary.wiley.com/doi/10.1002/nu.23158/full>
- Kajbafzadeh, A., Khorramirouz, R., & Sabetkish, S. (2016). In vivo regeneration of bladder muscular wall using decellularized colon matrix: an experimental study. *Pediatric Surgery*. Retrieved from <http://link.springer.com/article/10.1007/s00383-016-3871-8>
- Kalymbetov, A. (2016). Role of JAK/STAT signalling pathway in PAH. Retrieved from <http://geb.uni-giessen.de/geb/volltexte/2016/12341/>
- Kar, S., Mitra, S., & Banerjee, E. (2016). Culture Methods and Choice of Cells Makes a Difference in Outcome of Tissue Engineering-a Perspective. *Progress in Stem Cell*. Retrieved from <http://www.cellstemcell.org/index.php/PSC/article/view/127>
- Khedgikar, V., Kushwaha, P., Gautam, J., & Sharma, S. (2016). Kaempferol targets Krt-14 and induces cytoskeletal mineralization in osteoblasts: A mechanistic approach. *Life Sciences*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S0024320516301588>
- Kim, B., Lee, P., Lee, S., & Kim, Y. (2016). Long-term effects of diesel exhaust particles on airway inflammation and remodeling in a mouse model. *Allergy, Asthma &*. Retrieved from <https://synapse.koreamed.org/DOIx.php?id=10.4168/aaair.2016.8.3.246>
- Kim, D., Shin, G., Kim, J., Kim, Y., Lee, J., & Lee, J. (2016). Antioxidant and anti-ageing activities of citrus-based juice mixture. *Food Chemistry*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S0308814615013023>
- Kim, H. (2016). Adenophora remotiflora protects human skin keratinocytes against UVB-induced photo-damage by regulating antioxidative activity and MMP-1 expression. *Nutrition Research and Practice*. Retrieved from <https://synapse.koreamed.org/search.php?where=aview&id=10.4162/nrp.2016.10.4.371&code=0161NRP&vmod=e=FULL>
- Ko, D., Shin, J., Um, J., & Kang, B. (2016). Rapamycin inhibits transforming growth factor  $\beta$  1 induced myofibroblast differentiation via the phosphorylated-phosphatidylinositol 3-kinase mammalian target of. *American Journal of*. Retrieved from <http://www.ingentaconnect.com/content/ocean/ajra/2016/00000030/00000006/art00005>
- Kobayashi, K., Araya, J., & Minagawa, S. (2016). Involvement of PARK2-mediated mitophagy in idiopathic pulmonary fibrosis pathogenesis. *The Journal of*. Retrieved from <http://www.jimmunol.org/content/197/2/504.short>

- Koneru, M., Sahu, B., Kumar, J., & Kuncha, M. (2016). Fisetin protects liver from binge alcohol-induced toxicity by mechanisms including inhibition of matrix metalloproteinases (MMPs) and oxidative stress. *Journal of Functional*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S175646461600075X>
- Kong, W., Sung, D., Kim, H., Yang, J., & Ieronimakis, N. (2016). Self-adjuvanted hyaluronate-antigenic peptide conjugate for transdermal treatment of muscular dystrophy. *Biomaterials*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S0142961215009837>
- Krishnamurthy, V., Stout, A., Sapp, M., & Matuska, B. (2016). Dysregulation of hyaluronan homeostasis during aortic valve disease. *Matrix Biology*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S0945053X16301871>
- Kulkarni, Y., Dutta, S., Iyer, A., & Venkatadri, R. (2016). A proteomics approach to identifying key protein targets involved in VEGF inhibitor mediated attenuation of bleomycin-induced pulmonary fibrosis. Retrieved from <http://onlinelibrary.wiley.com/doi/10.1002/pmic.201500171/full>
- Lai, J., Qiu, C., Chen, C., Chen, M., & Chen, J. (2016). Inhibition of c-Jun N-terminal Kinase Signaling Pathway Alleviates Lipopolysaccharide-induced Acute Respiratory Distress Syndrome in Rats. *Chinese Medical*. Retrieved from <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4960963/>
- Lange, P., Shah, H., & Birchall, M. (2016). Characterization of a biologically derived rabbit tracheal scaffold. *Journal of Biomedical*. Retrieved from <http://onlinelibrary.wiley.com/doi/10.1002/jbm.b.33741/full>
- Lee, P., & Desai, T. (2016). Nitinol-Based Nanotubular Arrays with Controlled Diameters Upregulate Human Vascular Cell ECM Production. *ACS Biomaterials Science & Engineering*. Retrieved from <http://pubs.acs.org/doi/abs/10.1021/acsbiomaterials.5b00553>
- Li, X., Zhao, D., Guo, Z., Li, T., Qili, M., Xu, B., & Qian, M. (2016). Overexpression of SerpinE2/protease nexin-1 Contribute to Pathological Cardiac Fibrosis via increasing Collagen Deposition. *Scientific*. Retrieved from <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5120308/>
- Li, Y., Zhou, J., Yang, X., & Jiang, Y. (2016). Intermittent hydrostatic pressure maintains and enhances the chondrogenic differentiation of cartilage progenitor cells cultivated in alginate beads. *Development, Growth &*. Retrieved from <http://onlinelibrary.wiley.com/doi/10.1111/dgd.12261/pdf>
- Li, Z., Ba, R., Wang, Z., & Wei, J. (2016). Angiogenic Potential of Human Bone Marrow-Derived Mesenchymal Stem Cells in Chondrocyte Brick-Enriched Constructs Promoted Stable Regeneration of. *Stem Cells*. Retrieved from [http://regenhealthsolutions.info/1/upload/angiogenic\\_potential\\_of\\_human\\_bone\\_marrowderived.pdf](http://regenhealthsolutions.info/1/upload/angiogenic_potential_of_human_bone_marrowderived.pdf)
- Li, Z., Wang, Q., Meng, L., Fang, W., Zhu, N., & Na, R. (2016). Association between collagen cross-linking and cardiac function and remodeling in rats with furazolidone-induced dilated cardiomyopathy. *OF CLINICAL AND ...* Retrieved from <http://www.ijcep.com/files/ijcep0018434.pdf>
- Lin, C., Kao, Y., Lin, Y., Ma, H., & Tsay, R. (2016). A fiber-progressive-engagement model to evaluate the composition, microstructure, and nonlinear pseudoelastic behavior of porcine arteries and decellularized. *Acta Biomaterialia*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S1742706116304986>
- Lin, C., Liu, T., Chen, M., & Sun, J. (2016). An injectable extracellular matrix for the reconstruction of epidural fat and the prevention of epidural fibrosis. *Biomedical Materials*. Retrieved from <http://iopscience.iop.org/article/10.1088/1748-6041/11/3/035010/meta>
- Lin, P., Chang, H., Yeh, C., & Chang, M. (2016). Transforming growth factor beta 1 increases collagen content, and stimulates procollagen I and tissue inhibitor of metalloproteinase-1 production of dental. *Journal of the Formosan*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S0929664616302005>
- Liu, F., Haeger, C., Dieffenbach, P., & Sicard, D. (2016). Distal vessel stiffening is an early and pivotal mechanobiological regulator of vascular remodeling and pulmonary hypertension. *JCI Insight*. Retrieved from <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4918638/>

- Liu, G., Cooley, M., Jarnicki, A., Hsu, A., & Nair, P. (2016). Fibulin-1 regulates the pathogenesis of tissue remodeling in respiratory diseases. *JCI Insight*. Retrieved from <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4936823/>
- Liu, M., Liu, R., Wu, H., Li, Y., & Su, M. (2016). Radix puerariae extracts ameliorate paraquat-induced pulmonary fibrosis by attenuating follistatin-like 1 and nuclear factor erythroid 2p45-related factor-2. *BMC*. Retrieved from <https://bmccomplementaltermed.biomedcentral.com/articles/10.1186/s12906-016-0991-6>
- Liu, Q., Chu, H., Ma, Y., Wu, T., Qian, F., Ren, X., & Tu, W. (2016). Salvianolic acid B attenuates experimental pulmonary fibrosis through inhibition of the TGF- $\beta$  signaling pathway. *Scientific*. Retrieved from <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4899783/>
- Liu, Q., Du, Y., He, M., Ren, C., Wang, Q., & Liu, J. (2016). Effect of bradykinin on cultured retinal pigment epithelial cells. *JOURNAL OF CLINICAL ...*. Retrieved from <http://www.ijcep.com/files/ijcep0021154.pdf>
- Lohberger, B., Kaltenecker, H., & Stuebel, N. (2016). Impact of cyclic mechanical stimulation on the expression of extracellular matrix proteins in human primary rotator cuff fibroblasts. *Knee Surgery, Sports*. Retrieved from <http://link.springer.com/article/10.1007/s00167-015-3790-6>
- Lynch, A., & Wilson, S. (2016). Dextran preserves native corneal structure during decellularization. *Tissue Engineering Part C*: Retrieved from <http://online.liebertpub.com/doi/abs/10.1089/ten.tec.2016.0017>
- Mallano, T., Palumbo-Zerr, K., & Zerr, P. (2016). Activating transcription factor 3 regulates canonical TGF $\beta$  signalling in systemic sclerosis. *Annals of the*. Retrieved from <http://ard.bmj.com/content/75/3/586.abstract>
- Malo, R., & Victoria, L. (2016). Influencia de los parámetros mitocondriales en el agrandamiento gingival inducido por ciclosporina y nifedipina: ensayo sobre modelo animal. Retrieved from <https://idus.us.es/xmlui/handle/11441/46240>
- Manuyakorn, W., Smart, D., Noto, A., & Bucchieri, F. (2016). Mechanical Strain Causes Adaptive Change in Bronchial Fibroblasts Enhancing Profibrotic and Inflammatory Responses. *PLoS One*. Retrieved from <http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0153926>
- Maria, A., Toupet, K., Bony, C., & Pirot, N. (2016). Antifibrotic, Antioxidant, and Immunomodulatory Effects of Mesenchymal Stem Cells in HOCl-Induced Systemic Sclerosis. *Arthritis &*. Retrieved from <http://onlinelibrary.wiley.com/doi/10.1002/art.39477/full>
- Maria, A., Toupet, K., Maumus, M., & Fonteneau, G. (2016). Human adipose mesenchymal stem cells as potent anti-fibrosis therapy for systemic sclerosis. *Journal of*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S0896841116300269>
- Mbeh, D., Hadjab, I., Ungur, M., & Yahia, L. (2016). The Effect of Micro-Pulsatile Electrical and Ultrasound Stimulation on Cellular Biosynthetic Activities Such as Cellular Proliferation, Endogenous Nitrogen Oxide and. *Journal of Cosmetics*,. Retrieved from <http://www.scirp.org/journal/PaperInformation.aspx?paperID=64820>
- McMillan, D., Velden, J. van der, Lahue, K., & Qian, X. (2016). Attenuation of lung fibrosis in mice with a clinically relevant inhibitor of glutathione-S-transferase  $\pi$ . *JCI Insight*. Retrieved from <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4922427/>
- Megerle, K., Woon, C., Kraus, A., & Raghavan, S. (2016). Flexor Tendon Sheath Engineering Using Decellularized Porcine Pericardium. *Plastic and*. Retrieved from [http://journals.lww.com/plasreconsurg/Abstract/2016/10000/Flexor\\_Tendon\\_Sheath\\_Engineering\\_Using.17.aspx](http://journals.lww.com/plasreconsurg/Abstract/2016/10000/Flexor_Tendon_Sheath_Engineering_Using.17.aspx)
- Miguel, V., & Busnadiego, O. (2016). Protective role for miR-9-5p in the fibrogenic transformation of human dermal fibroblasts. *& Tissue Repair*. Retrieved from <https://fibrogenesis.biomedcentral.com/articles/10.1186/s13069-016-0044-2>

- Millar, N., Akbar, M., Campbell, A., & Reilly, J. (2016). IL-17A mediates inflammatory and tissue remodelling events in early human tendinopathy. *Scientific*. Retrieved from <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4893609/>
- Mimura, K., Moraes, A., Miranda, A., & Greco, R. (2016). Mechanisms underlying heterologous skin scaffold-mediated tissue remodeling. *Scientific*. Retrieved from <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5057165/>
- Mirigian, L., Makareeva, E., & Mertz, E. (2016). Osteoblast Malfunction Caused by Cell Stress Response to Procollagen Misfolding in  $\alpha 2$  (I)-G610C Mouse Model of Osteogenesis Imperfecta. *Journal of Bone and*. Retrieved from <http://onlinelibrary.wiley.com/doi/10.1002/jbmr.2824/full>
- Moeinzadeh, S., Shariati, S., & Jabbari, E. (2016). Comparative effect of physicommechanical and biomolecular cues on zone-specific chondrogenic differentiation of mesenchymal stem cells. *Biomaterials*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S0142961216300552>
- Mölleken, C., & Poschmann, G. (2016). MFAP4: a candidate biomarker for hepatic and pulmonary fibrosis? *And Diffuse Lung* .... Retrieved from <http://www.mattioli1885journals.com/index.php/sarcoidosis/article/view/4313>
- Mongkoldhumrongkul, N., Latif, N., & Yacoub, M. (2016). Effect of Side-Specific Valvular Shear Stress on the Content of Extracellular Matrix in Aortic Valves. *Cardiovascular*. Retrieved from <http://link.springer.com/article/10.1007/s13239-016-0280-z>
- Mongkoldhumrongkul, N., & Yacoub, M. (2016). Valve endothelial cells-not just any old endothelial cells. *Current Vascular*. Retrieved from <http://www.ingentaconnect.com/content/ben/cvp/2016/00000014/00000002/art00005>
- Monnouchi, S., Maeda, H., & Yuda, A. (2016). Benzo pyrene/aryl hydrocarbon receptor signaling inhibits osteoblastic differentiation and collagen synthesis of human periodontal ligament cells. *Journal of*. Retrieved from <http://onlinelibrary.wiley.com/doi/10.1111/jre.12355/pdf>
- Monteleone, I., Zorzi, F., Marafini, I., & Fusco, D. (2016). Aryl hydrocarbon receptor-driven signals inhibit collagen synthesis in the gut. *European Journal of*. Retrieved from <http://onlinelibrary.wiley.com/doi/10.1002/eji.201445228/pdf>
- Mooney, R. O., Davis, N., Hoey, D., & Hogan, L. (2016). On the Automatic Decellularisation of Porcine Aortae: A Repeatability Study Using a Non-Enzymatic Approach. *Cells Tissues*. Retrieved from <http://www.karger.com/Article/Abstract/445107>
- Morin, F., Kavian, N., Nicco, C., & Cerles, O. (2016). Niclosamide Prevents Systemic Sclerosis in a Reactive Oxygen Species-Induced Mouse Model. *The Journal of*. Retrieved from <http://www.jimmunol.org/content/197/8/3018.short>
- Muñoz-Félix, J., & Fuentes-Calvo, I. (2016). Absence of K-Ras Reduces Proliferation and Migration But Increases Extracellular Matrix Synthesis in Fibroblasts. *Journal of Cellular*. Retrieved from <http://onlinelibrary.wiley.com/doi/10.1002/jcp.25340/abstract>
- Namisaki, T., Noguchi, R., Moriya, K., & Kitade, M. (2016). Beneficial effects of combined ursodeoxycholic acid and angiotensin-II type 1 receptor blocker on hepatic fibrogenesis in a rat model of nonalcoholic steatohepatitis. *Journal of*. Retrieved from <http://link.springer.com/article/10.1007/s00535-015-1104-x>
- Nath, M., Chandra, P., Halder, N., Singh, B., & Deorari, A. (2016). Involvement of Renin-Angiotensin System in Retinopathy of Prematurity-A Possible Target for Therapeutic Intervention. *PLoS One*. Retrieved from <http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0168809>
- Nik, A., Johansson, J., Ghiami, M., & Reyahi, A. (2016). Foxf2 is required for secondary palate development and Tgfb signaling in palatal shelf mesenchyme. *Developmental*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S001216061530333X>

- Nowocin, A., Southgate, A., & Shurey, S. (2016). The development and implantation of a biologically derived allograft scaffold. *Journal of Tissue*. Retrieved from <http://onlinelibrary.wiley.com/doi/10.1002/term.1722/full>
- O'Reilly, S., Ciechomska, M., & Fullard, N. (2016). IL-13 mediates collagen deposition via STAT6 and microRNA-135b: a role for epigenetics. *Scientific*. Retrieved from <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4844987/>
- Oda, K., Yatera, K., & Izumi, H. (2016). Profibrotic role of WNT10A via TGF- $\beta$  signaling in idiopathic pulmonary fibrosis. *Respiratory*. Retrieved from <https://respiratory-research.biomedcentral.com/articles/10.1186/s12931-016-0357-0>
- Ogiso, H., Ito, H., Ando, T., Arioka, Y., Kanbe, A., & Ando, K. (2016). The Deficiency of Indoleamine 2, 3-Dioxygenase Aggravates the CCl<sub>4</sub>-Induced Liver Fibrosis in Mice. *PloS One*. Retrieved from <http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0162183>
- Omori, K., Hattori, N., Senoo, T., Takayama, Y., & Masuda, T. (2016). Inhibition of plasminogen activator inhibitor-1 attenuates transforming growth factor- $\beta$ -dependent epithelial mesenchymal transition and differentiation of. *PloS One*. Retrieved from <http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0148969>
- Orriss, I., Arnett, T., George, J., & Witham, M. (2016). Allopurinol and oxypurinol promote osteoblast differentiation and increase bone formation. *Experimental Cell Research*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S0014482716300441>
- Palumbo-Zerr, K., Soare, A., Zerr, P., & Liebl, A. (2016). Composition of TWIST1 dimers regulates fibroblast activation and tissue fibrosis. *Annals of the*. Retrieved from <http://ard.bmj.com/content/early/2016/04/25/annrheumdis-2015-208470.short>
- Paola, R. Di, Impellizzeri, D., Fusco, R., & Cordaro, M. (2016). Ultramicrosized palmitoylethanolamide (PEA-um®) in the treatment of idiopathic pulmonary fibrosis. *Pharmacological*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S1043661816305850>
- Park, K., Hussein, K., Hong, S., & Ahn, C. (2016). Decellularized liver extracellular matrix as promising tools for transplantable bioengineered liver promotes hepatic lineage commitments of induced pluripotent stem. *Engineering Part A*. Retrieved from <http://online.liebertpub.com/doi/abs/10.1089/ten.TEA.2015.0313>
- Pedroza, M., Le, T., Lewis, K., & Karmouty-Quintana, H. (2016). STAT-3 contributes to pulmonary fibrosis through epithelial injury and fibroblast-myofibroblast differentiation. *The FASEB Journal*. Retrieved from <http://www.fasebj.org/content/30/1/129.short>
- Peng, X., Moore, M., Mathur, A., Zhou, Y., Sun, H., & Gan, Y. (2016). Plexin C1 deficiency permits synaptotagmin 7-mediated macrophage migration and enhances mammalian lung fibrosis. *The FASEB Journal*. Retrieved from <http://www.fasebj.org/content/30/12/4056.short>
- Piccoli, M., Urbani, L., Alvarez-Fallas, M., & Franzin, C. (2016). Improvement of diaphragmatic performance through orthotopic application of decellularized extracellular matrix patch. *Biomaterials*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S0142961215008091>
- Poornejad, N., Momtahan, N., & Salehi, A. (2016). Efficient decellularization of whole porcine kidneys improves reseeded cell behavior. *Biomedical*. Retrieved from <http://iopscience.iop.org/article/10.1088/1748-6041/11/2/025003/meta>
- Poornejad, N., & Schaumann, L. (2016). The impact of decellularization agents on renal tissue extracellular matrix. *Journal of*. Retrieved from <http://journals.sagepub.com/doi/abs/10.1177/0885328216656099>
- Pozzo, L., Vornoli, A., Coppola, I., & Croce, C. Della. (2016). Effect of HFD/STZ on expression of genes involved in lipid, cholesterol and glucose metabolism in rats. *Life Sciences*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S0024320516305793>

- Pozzolini, M., Vergani, L., Ragazzoni, M., & Delpiano, L. (2016). Different reactivity of primary fibroblasts and endothelial cells towards crystalline silica: A surface radical matter. *Toxicology*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S0300483X16301184>
- Puerta-Arias, J., Pino-Tamayo, P., & Arango, J. (2016). Depletion of Neutrophils Promotes the Resolution of Pulmonary Inflammation and Fibrosis in Mice Infected with *Paracoccidioides brasiliensis*. *PLoS One*. Retrieved from <http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0163985>
- Roppe, J., Parr, T., & Hutchinson, J. (2016). Heterocyclic autotaxin inhibitors and uses thereof. *US Patent 9,260,416*. Retrieved from <https://www.google.com/patents/US9260416>
- Ryu, N., Shin, J., Um, J., & Park, I. (2016). Wogonin inhibits transforming growth factor  $\beta$ 1-induced extracellular matrix production via the p38/activator protein 1 signaling pathway in nasal polyp-derived. *American Journal of*. Retrieved from <http://www.ingentaconnect.com/content/ocean/ajra/2016/00000030/00000004/art00006>
- Salinas, M., Rath, S., Villegas, A., & Unnikrishnan, V. (2016). Relative effects of fluid oscillations and nutrient transport in the in vitro growth of valvular tissues. *Cardiovascular*. Retrieved from <http://link.springer.com/article/10.1007/s13239-016-0258-x>
- Sanjurjo-Rodríguez, C. (2016a). Differentiation of human mesenchymal stromal cells cultured on collagen sponges for cartilage repair. *Histology and*. Retrieved from [https://www.researchgate.net/profile/Francisco\\_Blanco2/publication/305658809\\_Differentiation\\_of\\_human\\_mesenchymal\\_stromal\\_Histol\\_Histopathol/links/57989bd308ae33e89fb08bca.pdf](https://www.researchgate.net/profile/Francisco_Blanco2/publication/305658809_Differentiation_of_human_mesenchymal_stromal_Histol_Histopathol/links/57989bd308ae33e89fb08bca.pdf)
- Sanjurjo-Rodríguez, C. (2016b). Human cartilage tissue engineering using type I collagen/heparan sulfate scaffolds. *Journal of*. Retrieved from [http://www.scitechnol.com/peer-review/human-cartilage-tissue-engineering-using-type-i-collagenheparan-sulfate-scaffolds-IYGH.php?article\\_id=3464](http://www.scitechnol.com/peer-review/human-cartilage-tissue-engineering-using-type-i-collagenheparan-sulfate-scaffolds-IYGH.php?article_id=3464)
- Sato, H., Suzuki, H., Yakushiji, K., Wong, J., & Seto, Y. (2016). Biopharmaceutical evaluation of novel cyclosporine A nano-matrix particles for inhalation. *Pharmaceutical*. Retrieved from <http://link.springer.com/article/10.1007/s11095-016-1949-6>
- Sato, N., Takasaka, N., & Yoshida, M. (2016). Metformin attenuates lung fibrosis development via NOX4 suppression. *Respiratory*. Retrieved from <https://respiratory-research.biomedcentral.com/articles/10.1186/s12931-016-0420-x>
- Segawa, S., Goto, D., Iizuka, A., & Kaneko, S. (2016). The regulatory role of interferon- $\gamma$  producing gamma delta T cells via the suppression of T helper 17 cell activity in bleomycin-induced pulmonary fibrosis. *Clinical &*. Retrieved from <http://onlinelibrary.wiley.com/doi/10.1111/cei.12802/full>
- Sennello, J., Misharin, A., & Flozak, A. (2016). Lrp5/B-catenin Signaling Controls Lung Macrophage Differentiation and Inhibits Resolution of Fibrosis. *American Journal of*. Retrieved from <http://www.atsjournals.org/doi/abs/10.1165/rcmb.2016-0147OC>
- Seol, J. young, Yoon, J., Jeong, H., & Joo, N. (2016). Anti-Aging Effects of the Hanwoo Leg Bone, Foot and Tail Infusions (HLI, HFI and HTI) on Skin Fibroblast. *Korean Journal for Food*. Retrieved from <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4869551/>
- Shen, C., Jiang, L., Shao, H., You, C., & Zhang, G. (2016). Targeted killing of myofibroblasts by biosurfactant di-*rhamnolipid* suggests a therapy against scar formation. *Scientific*. Retrieved from <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5128858/>
- Shim, E., Lee, J., Kim, D., Kim, S., & Jung, B. (2016). Autogenous Mesenchymal Stem Cells From the Vertebral Body Enhance Intervertebral Disc Regeneration via Paracrine Interaction: An In Vitro Pilot Study. *Cell*. Retrieved from <http://www.ingentaconnect.com/content/cog/ct/2016/00000025/00000010/art00007>
- Shin, J., Kang, J., Lee, S., Park, I., & Lee, H. (2016). Baicalin Down-Regulates IL-1 $\beta$ -Stimulated Extracellular Matrix Production in Nasal Fibroblasts. *PLoS One*. Retrieved from <http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0168195>

- Shin, J., Park, J., & Park, I. (2016). Doxycycline inhibits TGF- $\beta$ 1-induced extracellular matrix production in nasal polyp-derived fibroblasts. *International Forum of*. Retrieved from <http://onlinelibrary.wiley.com/doi/10.1002/alr.21660/full>
- Sibilano, R., Gaudenzio, N., & DeGorter, M. (2016). A TNFRSF14-Fc $\epsilon$ RI-mast cell pathway contributes to development of multiple features of asthma pathology in mice. *Nature*. Retrieved from <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5171877/>
- Sibinska, Z., Tian, X., & Korfei, M. (2016). Amplified canonical transforming growth factor- $\beta$  signalling via heat shock protein 90 in pulmonary fibrosis. *European*. Retrieved from <http://erj.ersjournals.com/content/early/2016/12/19/13993003.01941-2015.abstract>
- Silva, J., Barros, A., Aroso, I., & Fassini, D. (2016). Extraction of Collagen/Gelatin from the Marine Demosponge *Chondrosia reniformis* (Nardo, 1847) Using Water Acidified with Carbon Dioxide-Process Optimization. *Industrial &*. Retrieved from <http://pubs.acs.org/doi/abs/10.1021/acs.iecr.6b00523>
- Singh, S., Bodas, M., & Bhatraju, N. (2016). Hyperinsulinemia adversely affects lung structure and function. *American Journal of*. Retrieved from <http://ajplung.physiology.org/content/310/9/L837.abstract>
- Siritientong, T., Bonani, W., & Motta, A. (2016). The effects of Bombyx mori silk strain and extraction time on the molecular and biological characteristics of sericin. *Bioscience*,. Retrieved from <http://www.tandfonline.com/doi/abs/10.1080/09168451.2015.1088375>
- Soares, J., Stella, J., Zhang, W., & Amoroso, N. (2016). Large strain stimulation promotes extracellular matrix production and stiffness in an elastomeric scaffold model. *Journal of the*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S1751616116301230>
- Somanna, N., Valente, A., & Krenz, M. (2016). The Nox1/4 Dual Inhibitor GKT137831 or Nox4 Knockdown Inhibits Angiotensin-II-Induced Adult Mouse Cardiac Fibroblast Proliferation and Migration. AT1 Physically. *Journal of Cellular*. Retrieved from <http://onlinelibrary.wiley.com/doi/10.1002/jcp.25210/full>
- Songia, P., Branchetti, E., & Parolari, A. (2016). Mitral valve endothelial cells secrete osteoprotegerin during endothelial mesenchymal transition. *Journal of Molecular and*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S0022282816302097>
- Steplewski, A., Fertala, J., & Beredjikian, P. (2016). Auxiliary proteins that facilitate formation of collagen-rich deposits in the posterior knee capsule in a rabbit-based joint contracture model. *Journal of*. Retrieved from <http://onlinelibrary.wiley.com/doi/10.1002/jor.23007/abstract>
- Sudsai, T., Wattanapiromsakul, C., & Tewtrakul, S. (2016). Wound healing property of isolated compounds from *Boesenbergia kingii* rhizomes. *Journal of*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S0378874116300976>
- Sun, H., Zhu, Y., Pan, H., & Chen, X. (2016). Netrin-1 Regulates Fibrocyte Accumulation in the Decellularized Fibrotic Sclerodermatous Lung Microenvironment and in Bleomycin-Induced Pulmonary Fibrosis. *Arthritis &*. Retrieved from <http://onlinelibrary.wiley.com/doi/10.1002/art.39575/full>
- Tao, L., Bei, Y., Chen, P., Lei, Z., Fu, S., Zhang, H., & Xu, J. (2016). Crucial role of miR-433 in regulating cardiac fibrosis. *Theranostics*. Retrieved from <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5039681/>
- Tarafder, S., Koch, A., Jun, Y., Chou, C., & Awadallah, M. (2016). Micro-precise spatiotemporal delivery system embedded in 3D printing for complex tissue regeneration. Retrieved from <http://iopscience.iop.org/article/10.1088/1758-5090/8/2/025003/meta>
- Tomcik, M., Palumbo-Zerr, K., Zerr, P., & Sumova, B. (2016). Tribbles homologue 3 stimulates canonical TGF- $\beta$  signalling to regulate fibroblast activation and tissue fibrosis. *Annals of the*. Retrieved from <http://ard.bmj.com/content/75/3/609.abstract>



- Tosto, F., Hess, L., & Gross, L. (n.d.). Effects of Extracts from Mg Alloys on ACL Fibroblasts. *Pitt.edu*. Retrieved from [http://www.pitt.edu/~msrc/summer/2015/SummerAbstractBook\\_2015.pdf](http://www.pitt.edu/~msrc/summer/2015/SummerAbstractBook_2015.pdf)
- Urawa, M., & Kobayashi, T. (2016). Protein S is protective in pulmonary fibrosis. *Of Thrombosis and ...* Retrieved from <http://onlinelibrary.wiley.com/doi/10.1111/jth.13362/full>
- Varitimidis, S., Dailiana, Z., & Christou, D. (2016). Histological and biochemical evidence related to the collagen quality in torn rotator cuff tendons. *Acta Orthopædica*. Retrieved from [https://www.researchgate.net/profile/Katerina\\_Grafanaki3/publication/306333539\\_Histological\\_and\\_biochemical\\_evidence\\_related\\_to\\_the\\_collagen\\_quality\\_in\\_torn\\_rotator\\_cuff\\_tendons\\_ORIGINAL\\_STUDY/links/57b883cb08ae6f17376609b6.pdf](https://www.researchgate.net/profile/Katerina_Grafanaki3/publication/306333539_Histological_and_biochemical_evidence_related_to_the_collagen_quality_in_torn_rotator_cuff_tendons_ORIGINAL_STUDY/links/57b883cb08ae6f17376609b6.pdf)
- Vuornos, K. (2016). Dynamic culture of human adipose stem cells in a flow perfusion bioreactor. Retrieved from <https://dspace.cc.tut.fi/dpub/handle/123456789/24483>
- Vuornos, K., Björninen, M., & Talvitie, E. (2016). Human adipose stem cells differentiated on braided polylactide scaffolds is a potential approach for tendon tissue engineering. *Engineering Part A*. Retrieved from <http://online.liebertpub.com/doi/abs/10.1089/ten.tea.2015.0276>
- Wada, N., Shimizu, T., Takai, S., & Shimizu, N. (2016). Combinational effects of muscarinic receptor inhibition and B3-adrenoceptor stimulation on neurogenic bladder dysfunction in rats with spinal cord injury. *Neurourology and ...* Retrieved from <http://onlinelibrary.wiley.com/doi/10.1002/nau.23066/full>
- Wang, K., Qin, S., Liang, Z., Zhang, Y., & Xu, Y. (2016). Epithelial disruption of Gab1 perturbs surfactant homeostasis and predisposes mice to lung injuries. *American Journal of ...* Retrieved from <http://ajplung.physiology.org/content/311/6/L1149.abstract>
- Wang, X., Mansukhani, N., Guiney, L., Lee, J., & Li, R. (2016). Toxicological profiling of highly purified metallic and semiconducting single-walled carbon nanotubes in the rodent lung and E. coli. *ACS*. Retrieved from <http://pubs.acs.org/doi/abs/10.1021/acsnano.6b01560>
- Wigenstam, E., Elfsmark, L., Bucht, A., & Jonasson, S. (2016). Inhaled sulfur dioxide causes pulmonary and systemic inflammation leading to fibrotic respiratory disease in a rat model of chemical-induced lung injury. *Toxicology*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S0300483X16301937>
- Wigenstam, E., Elfsmark, L., Koch, B., & Bucht, A. (2016). Acute respiratory changes and pulmonary inflammation involving a pathway of TGF- $\beta$ 1 induction in a rat model of chlorine-induced lung injury. *Toxicology and Applied ...* Retrieved from <http://www.sciencedirect.com/science/article/pii/S0041008X16302502>
- Wigren, M., Rattik, S., & Hultman, K. (2016). Decreased levels of stem cell factor in subjects with incident coronary events. *Journal of Internal ...* Retrieved from <http://onlinelibrary.wiley.com/doi/10.1111/joim.12443/abstract>
- Wilson, S., Sidney, L., Dunphy, S., & Dua, H. (2016). Corneal decellularization: a method of recycling unsuitable donor tissue for clinical translation? *Current Eye ...* Retrieved from <http://www.tandfonline.com/doi/abs/10.3109/02713683.2015.1062114>
- Wright, C., Iyer, A., Wang, L., & Wu, N. (2016). Effects of titanium dioxide nanoparticles on human keratinocytes. *Drug and Chemical ...* Retrieved from <http://www.tandfonline.com/doi/abs/10.1080/01480545.2016.1185111>
- Xiao, Y., Nie, X., Han, P., Fu, H., & Kang, Y. (2016). Decreased copper concentrations but increased lysyl oxidase activity in ischemic hearts of rhesus monkeys. *Metallomics*. Retrieved from <http://pubs.rsc.org/-/content/articlehtml/2016/mt/c6mt00037a>
- Yamamoto, T., Uemura, K., & Sawashi, Y. (2016). Optimization of Method to Extract Collagen from “Emperor” Tissue of Soft-shelled Turtles. *Journal of Oleo ...* Retrieved from [https://www.jstage.jst.go.jp/article/jos/65/2/65\\_ess15220\\_article/-char/ja/](https://www.jstage.jst.go.jp/article/jos/65/2/65_ess15220_article/-char/ja/)

- Yan, Q., Chen, J., Li, W., Bao, C., & Fu, Q. (2016). Targeting miR-155 to treat experimental scleroderma. *Scientific Reports*. Retrieved from <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4734331/>
- Yang, X., Wei, J., Lei, D., Liu, Y., & Wu, W. (2016). Appropriate density of PCL nano-fiber sheath promoted muscular remodeling of PGS/PCL grafts in arterial circulation. *Biomaterials*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S014296121600140X>
- Yee, M., Domm, W., & Gelein, R. (2016). Alternative Progenitor Lineages Regenerate the Adult Lung Depleted of Type II Cells. *American Journal of*. Retrieved from <http://www.atsjournals.org/doi/abs/10.1165/rcmb.2016-01500C>
- Yoon, P., Park, J., Lee, C., Kim, S., & Kim, H. (2016). Self-assembled micelle interfering RNA for effective and safe targeting of dysregulated genes in pulmonary fibrosis. *Journal of Biological*. Retrieved from <http://www.jbc.org/content/291/12/6433.short>
- Younesi, M., Donmez, B., Islam, A., & Akkus, O. (2016). Heparinized collagen sutures for sustained delivery of PDGF-BB: Delivery profile and effects on tendon-derived cells In-Vitro. *Acta Biomaterialia*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S1742706116302628>
- Younesi, M., Goldberg, V., & Akkus, O. (2016). A micro-architecturally biomimetic collagen template for mesenchymal condensation based cartilage regeneration. *Acta Biomaterialia*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S1742706115302002>
- Young, L., Gulleman, P., Short, C., & Tanjore, H. (2016). Epithelial-macrophage interactions determine pulmonary fibrosis susceptibility in Hermansky-Pudlak syndrome. *JCI Insight*. Retrieved from <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5070955/>
- Youngstrom, D., & LaDow, J. (2016). Tenogenesis of bone marrow-, adipose-, and tendon-derived stem cells in a dynamic bioreactor. *Connective Tissue Research*. Retrieved from <http://www.tandfonline.com/doi/abs/10.3109/03008207.2015.1117458>
- Zanotti, S., Bragato, C., Zucchella, A., & Maggi, L. (2016). Anti-fibrotic effect of pirfenidone in muscle derived-fibroblasts from Duchenne muscular dystrophy patients. *Life Sciences*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S0024320515301065>
- Zerr, P., Palumbo-Zerr, K., Huang, J., & Tomcik, M. (2016). Sirt1 regulates canonical TGF- $\beta$  signalling to control fibroblast activation and tissue fibrosis. *Annals of the*. Retrieved from <http://ard.bmj.com/content/75/1/226.abstract>
- Zhang, L., Chen, S., Chang, P., & Bao, N. (2016). Harmful effects of leukocyte-rich platelet-rich plasma on rabbit tendon stem cells in vitro. *American Journal of ...* Retrieved from <http://journals.sagepub.com/doi/abs/10.1177/0363546516644718>
- Zhang, Q., Duan, J., Liu, X., & Guo, S. (2016). Platelets drive smooth muscle metaplasia and fibrogenesis in endometriosis through epithelial-mesenchymal transition and fibroblast-to-myofibroblast. *Molecular and Cellular Endocrinology*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S0303720716300636>
- Zhang, S., Huang, D., Weng, J., & Huang, Y. (2016). Neutralization of Interleukin-17 Attenuates Cholestatic Liver Fibrosis in Mice. *Scandinavian*. Retrieved from <http://onlinelibrary.wiley.com/doi/10.1111/sji.12395/full>
- Zhang, Y. (2016). Neue Einsichten in die anomale Aktivierung von Fibroblasten in der Systemischen Sklerose-Casein Kinase 2-, Poly (ADP-ribose)-Polymerase 1-und Janus. *opus4.kobv.de*. Retrieved from [https://opus4.kobv.de/opus4-fau/frontdoor/deliver/index/docId/7616/file/Doktorat+Dissertation\\_Yun+Zhang.pdf](https://opus4.kobv.de/opus4-fau/frontdoor/deliver/index/docId/7616/file/Doktorat+Dissertation_Yun+Zhang.pdf)
- Zhang, Y., Lv, R., Hu, X., Jiang, L., Xiao, D., Sun, Y., & Zhao, J. (2016). The Role of IL-33 on LPS-Induced Acute Lung Injury in Mice. *Inflammation*. Retrieved from <http://link.springer.com/article/10.1007/s10753-016-0479-z>

- Zhao, B., Liu, J., Yang, C., Zheng, Z., Zhou, Q., & Guan, H. (2016). Human amniotic epithelial cells attenuate TGF- $\beta$ 1-induced human dermal fibroblast transformation to myofibroblasts via TGF- $\beta$ 1/Smad3 pathway. *Cytotherapy*. Retrieved from <http://www.sciencedirect.com/science/article/pii/S1465324916303681>
- Zoltowska, A., Lei, Y., Fuchs, B., & Rask, C. (2016). The interleukin-33 receptor ST2 is important for the development of peripheral airway hyperresponsiveness and inflammation in a house dust mite mouse model of. *Clinical & Experimental Allergy*. Retrieved from <http://onlinelibrary.wiley.com/doi/10.1111/cea.12683/full>