

## BI PostDoc Publications 2014 – 2017

BI Authors are 'highlighted'

- **Evolving insights on metabolism, autophagy, and epigenetics in liver myofibroblasts.**

*Author(s):* Nwosu ZC, Alborzinia H, Wolf S, Dooley S, **Liu Y**

*Source:* Frontiers in Physiology. 7 (JUN) (no pagination), 2016. Article Number: 191. Date of Publication: 01 Jun 2016.

- **Hyperglycaemia and Pseudomonas aeruginosa acidify cystic fibrosis airway surface liquid by elevating epithelial monocarboxylate transporter 2 dependent lactate-H<sup>+</sup> secretion.**

*Author(s):* **Garnett JP**, Kalsi KK, **Sobotta M**, Bearham J, Carr G, Powell J, Brodlie M, Ward C, Tarran R, Baines DL

*Source:* Scientific Reports. 6:37955, 2016 Nov 29.

- **Comparative analysis of lysyl oxidase (like) family members in pulmonary fibrosis.**

*Author(s):* **Aumiller V**, **Strobel B**, **Romeike M**, **Schuler M**, **Stierstorfer B**, **Kreuz S**

*Source:* Scientific Reports. 7(1):149, 2017 Dec.

- **Modeling pulmonary disease pathways using recombinant adeno-associated virus 6.2.**

*Author(s):* **Strobel B**, **Duechs M**, **Schmid R**, **Stierstorfer B**, **Bucher H**, **Quast K**, **Stiller D**, **Hildebrandt T**, **Mennerich D**, **Gantner F**, **Erb K**, **Kreuz S**

*Source:* American Journal of Respiratory Cell and Molecular Biology. 53 (3) (pp 291-302), 2015. Date of Publication: 01 Sep 2015.

- **Riboswitch-mediated Attenuation of Transgene Cytotoxicity Increases Adeno-associated Virus Vector Yields in HEK-293 Cells.**

*Author(s):* **Strobel B**, **Klauser B**, **Hartig JS**, **Lamla T**, **Gantner F**, **Kreuz S**

*Source:* Molecular Therapy. 2015. Date of Publication: 03 Jul 2015.

- **Peripheral monocytes are functionally altered and invade the CNS in ALS patients.**

*Author(s):* Zondler L, Muller K, Khalaji S, Bliedehauser C, Ruf WP, Grozdanov V, Thiemann M, **Fundel-Clemens K**, Freischmidt A, Holzmann K, **Strobel B**, Weydt P, Witting A, Thal DR, Helferich AM, **Hengerer B**, Gottschalk KE, Hill O, Kluge M, Ludolph AC, Danzer KM, Weishaupt JH  
*Source:* Acta Neuropathologica. , 2016 Feb 24.

- **TDP-43 is intercellularly transmitted across axon terminals.**

*Author(s):* Feiler MS, **Strobel B**, Freischmidt A, Helferich AM, Kappel J, Brewer BM, Li D, Thal DR, Walther P, Ludolph AC, Danzer KM, Weishaupt JH  
*Source:* Journal of Cell Biology. 211(4):897-911, 2015 Nov 23.

- **Comparative Analysis of Cesium Chloride- and Iodixanol-Based Purification of Recombinant Adeno-Associated Viral Vectors for Preclinical Applications**

*Author(s):* **Rist W, Miller FD, Strobel B, Lamla T**  
*Source:* Human Gene Therapy Methods. 26 (4) (pp 147-157), 2015. Date of Publication: 01 Aug 2015

- **Increasing aav vector yield by riboswitch-mediated attenuation of toxic transgene effects in HEK-293 producer cells.**

*Author(s):* **Strobel B, Klauser B, Lamla T, Gantner F, Kreuz S**  
*Source:* Molecular Therapy. Conference: 18th Annual Meeting of the American Society of Gene and Cell Therapy, ASGCT 2015 New Orleans, LA United States. Conference Start: 20150513 Conference End: 20150516. Conference Publication: (var.pagings). 23 (pp S269-S270), 2015. Date of Publication: May 2015.

- **Tiotropium attenuates influenza virus-induced pulmonary inflammation in smoke-exposed mice.**

*Author(s):* **Bucher H, Duechs M, Tilp C, Strobel B, Wex E, Jung B, Erb K**  
*Source:* American Journal of Respiratory and Critical Care Medicine. Conference: American Thoracic Society International Conference, ATS 2015 Denver, CO United States. Conference Start: 20150515 Conference End: 20150520. Conference Publication: (var.pagings). 191 , 2015. Date of Publication: 2015.

- **AAV-Tgfb1 vs. Bleomycin: Analysis of gene expression profiles in two models of pulmonary fibrosis,**

*Author(s):* **Strobel B, Leparc G, Laemmle B, Hildebrandt T, Stierstorfer B, Lamla T, Kreuz S**  
*Source:* European Respiratory Journal. Conference: European Respiratory Society Annual Congress 2014 Munich Germany. Conference Start: 20140906 Conference End: 20140906. Conference Publication: (var.pagings). 44 , 2014. Date of Publication: 01 Sep 2014.

- **Tiotropium attenuates pulmonary inflammation in a novel mouse smoke RSV re-infection model.**

*Author(s):* **Bucher H, Strobel B, Jung B, Erb K, Duchs M**

*Source:* European Respiratory Journal. Conference: European Respiratory Society Annual Congress 2014 Munich Germany. Conference Start: 20140906 Conference End: 20140906. Conference Publication: (var.pagings). 44 , 2014. Date of Publication: 01 Sep 2014.

- **Lysosomal lipid hydrolysis provides substrates for lipid mediator synthesis in murine macrophages.**

*Author(s):* **Schlager S**, Vujic N, Korbelius M, Duta-Mare M, Dorow J, Leopold C, Rainer S, Wegscheider M, Reicher H, Ceglarek U, Sattler W, Radovic B, Kratky D

*Source:* Oncotarget. , 2017 Mar 29.

- **Three-dimensional tumor spheroids for in vitro analysis of bacteria as gene delivery vectors in tumor therapy.**

*Author(s):* **Osswald A**, Sun Z, Grimm V, Ampem G, Riegel K, Westendorf AM, **Sommergruber W**, Otte K, Durre P, Riedel CU

*Source:* Microbial Cell Factories. 14(1):199, 2015.

*Impact Factor:* 4.22

### **Capturing tumor complexity in vitro: Comparative analysis of 2D and 3D tumor models for drug discovery.**

*Author(s):* Stock K, Estrada MF, Vidic S, Gjerde K, **Rudisch A**, Santo VE, Barbier M, Blom S, Arundkar SC, **Selvam I**, **Osswald A**, Stein Y, Gruenewald S, Brito C, van Weerden W, Rotter V, Boghaert E, Oren M, **Sommergruber W**, Chong Y, de Hoogt R, **Graeser R**

*Source:* Scientific Reports. 6:28951, 2016.