

PUBLICATIONS AND PRESENTATIONS

Research Publications

1. An Y, **Jeon JW**, Sun L, Derakhshan A, Chen J, Carlson S, Cheng H, Silvin C, Yang X, Waes CV, Chen Z. Death Agonist Antibody against TNFRSF10B/TRAILR2/DR5 Enhance Birinapant Anti-Tumor Activity in HPV-Positive Head and Neck Squamous Cell Carcinomas. [Submitted]
2. **Jeon JW**, Christensen J, Zalewski C, Chisholm J, Depsey C, Magnani A, Rasooly M, Guerrero P, Brewer C, Kim HJ. Otologic and Audiologic Manifestations in Loeys-Dietz Syndrome. [In preparation]
3. Chen Z, Viswanathan R, Morgan E, **Jeon JW**, Waes CV. Proinflammatory signaling pathways and networks in head and neck cancers. Springer Nature, Early Detection, Diagnosis, and Treatment of Head and Neck Cancers. [Book chapter submitted]
4. Near Infrared Optical Contrast of Skull Base Tumors during Endoscopic Endonasal Surgery. *Operative Neurosurgery*, accepted August 2018. **Jeon JW**, Cho SS, Nag S, Buch L, Pierce J, Su YS, Adappa ND, Palmer JN, Newman JG, Singhal S, Lee JYK.
5. Intraoperative Near-Infrared Imaging with Receptor-Specific versus Passive Delivery of Fluorescent Agents in Pituitary Adenomas. *Journal of Neurosurgery*, accepted July 2018. Cho S, **Jeon J**, Buch L, Nag S, Nasrallah M, Low PS, Grady MS, Singhal S, John YKL.
6. Folate Receptor Overexpression in Human and Canine Meningiomas – Immunohistochemistry and Case Report of Intraoperative Molecular Imaging. *Neurosurgery*, accepted June 2018. Pierce JT, Cho, BS; Nag S, Ryan Z, **Jeon J**, Holt D, Durham A, Nasrallah MP, Singhal S, Lee JYK.
7. Folate Receptor Near-Infrared Optical Imaging Provides Sensitive and Specific Intraoperative Visualization of Nonfunctional Pituitary Adenomas. *Operative Neurosurgery*, accepted February 2018. Cho SS, Zeh R, Pierce JT, **Jeon J**, Nasrallah M, Adappa ND, Palmer JN, Newman JG, White C, Kharlip J, Snyder P, Low P, Singhal S, Grady MS, Lee JYK.
8. Training to Improve Precision and Accuracy in the Measurement of Fiber Morphology. *PloS one*. 2016 Dec 1;11(12):e0167664. Hotelling NA, **Jeon J**, Wade MB, Luong D, Palmer XL, Bharti K, Simon Jr CG.

Book Chapter

1. **Jeon J**, Hotelling N, Bharti K. Induced Pluripotent Stem Cell-Derived Outer-Blood-Retinal Barrier for Disease Modeling and Drug Discovery. *Stem Cells in Toxicology and Medicine*. 2016 Oct 13:436-57.

Abstracts and Presentations

1. **Jeon JW**, Saleh AD, Cornelius S, Carlson S, Martin S, Ormanoglu P, Cheng H, Yang X, Silvin C, Chen Z, Waes CV. Integrated structural and functional genomic analyses identify interaction of G2M/kinetochore-related components and NF- κ B signaling in head and neck squamous cell carcinoma. American Head and Neck Society 10th International Conference on Head & Neck Cancer, Chicago, IL; July 22-25, 2020. [Oral presentation] (Conference cancelled due to COVID-19)
2. **Jeon JW**, Christensen J, Zalewski C, Chisholm J, Depsey C, Magnani A, Rasooly M, Guerrero P, Brewer C, Kim HJ. Otologic and Audiologic Manifestations in Loeys-Dietz Syndrome. American Academy of Otolaryngology – Head and Neck Surgery Annual Meeting, Boston, MA; September 13-16, 2020. [Oral presentation]
3. An Y, **Jeon JW**, Sun L, Derakhshan A, Chen J, Carlson S, Cheng H, Silvin C, Yang X, Waes CV, Chen Z. Death Agonist Antibody against TNFRSF10B/TRAILR2/DR5 Enhance Birinapant Anti-Tumor Activity in HPV-Positive Head and Neck Squamous Cell Carcinomas. American Association of Cancer Research Annual Meeting, San Diego, CA; April 24-29, 2020. [Poster presentation] (Conference cancelled due to COVID-19)
4. **Jeon JW**, Saleh AD, Cornelius S, Carlson S, Martin S, Ormanoglu P, Cheng H, Yang X, Silvin C, Chen Z, Waes CV. Linkage of NF- κ B pathway and mitosis-related molecules using integrated RNAi screening and transcriptomic analysis of head and neck squamous cell carcinoma. American Association of Cancer Research Annual Meeting, San Diego, CA; April 24-29, 2020. [Poster presentation] (Conference cancelled due to COVID-19)
5. Near Infrared Optical Contrast Endoscopy for Ventral Skull Base Tumors. Poster presentation. **Jeon J**, Nag S, Buch L, Cho S, Singhal S, Lee J. American Association of Neurological Surgeons Annual Meeting. April 28 - May 02, 2018, New Orleans, LA.
6. Comparison of Intraoperative Imaging with Receptor-specific versus Passive Delivery of Near-Infrared Dyes in Human Pituitary Adenoma Surgery. Oral presentation. Cho S, **Jeon J**, Buch L, Nag S, Predina J, Singhal S, Lee J. American Association of Neurological Surgeons Annual Meeting. April 28 - May 02, 2018, New Orleans, LA.
7. Second Window ICG Imaging in Brain Metastases. Poster presentation. Buch L, Cho SS, Nag S, **Jeon J**, Su S, Singhal S, Lee JYK. American Association of Neurological Surgeons Annual Meeting. April 28 - May 02, 2018, New Orleans, LA.

8. A systematic evaluation of near-infrared imaging systems in intracranial tumors. Poster presentation. Cho SS, Buch L, Nag S, McShane B, **Jeon J**, Su S, Singhal S, Lee JYK. American Association of Neurological Surgeons Annual Meeting. April 28 - May 02, 2018, New Orleans, LA.
9. Near-Infrared Fluorescent Surgery for Skull Base and Intracranial Meningioma. Oral presentation. Nag S, Buch L, **Jeon J**, Cho S, Singhal S, Lee JYK. North American Skull Base Society 28th Annual Meeting, February 16-18, 2018, Coronado, CA.
10. A Direct Comparison of Near-Infrared Imaging Camera Systems for Detecting Intracranial Tumors. Oral presentation. Cho SS, Buch L, Nag S, McShane B, **Jeon J**, Su S, et al. North American Skull Base Society 28th Annual Meeting, February 16-18, 2018, Coronado, CA.
11. Tissue Engineered Human Blood-Retinal Barrier-on-a-Chip. Poster presentation. **Jeon J**, Hotaling NA, Zamani M, Dejene R, Ingber DE, Bharti K. The Annual Meeting of the Association for Research in Vision and Ophthalmology, May 1-5, 2016, Seattle, WA.
12. Size Does Matter: Organs-on-Chips as a Drug Discovery Platform. Oral presentation. **Jeon J**. The 12th Annual Korean Scientists and Engineers Association Young Generation Technical and Leadership Conference, January 22-24, 2016, Dallas, TX.
13. Human Blood-Retinal Barrier-on-a-Chip. Oral presentation. **Jeon J**, Hotaling NA, Zamani M, Dejene R, Ingber DE, Bharti K. Ophthalmic Genetics and Visual Function Branch at the National Eye Institute, October 29, 2015, Bethesda, MD.
14. Diffusion of nutrients through the human amniotic membrane. Oral presentation. **Jeon J**, Nollert MU. University of Oklahoma Undergraduate Research Day. May 2013, Norman, OK.
15. Tissue Engineered Human Blood-Retinal Barrier-on-a-Chip. Poster presentation. **Jeon J**, Hotaling NA, Zamani M, Dejene R, Ingber DE, Bharti K. NIH Postbaccalaureate Research Day, April 20, 2016, Bethesda, MD.
16. Methods in Cloning pvdT Gene for the Use in Purification. Poster presentation. **Jeon J**, Lu S, Zgurskaya HI. University of Oklahoma Department of Biochemistry Research Day, May 2012, Norman, OK.