

## Roy Kiwan Park

- Affiliate, Department Funds
- Resident in OHNS/Otolaryngology/Head & Neck Surgery

### Publications

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#### PUBLICATIONS

- **Imaging of Staphylococcus aureus Infections and Biofilms Using a Selective Covalent Probe for the Unique Serine Hydrolase FphE.** *Angewandte Chemie (International ed. in English)*  
Woods, E. C., Upadhyay, T., Park, K. W., Su, S. P., Xiao, Z., Rao, J., Valdez, T. A., Jo, J., Bogoyo, M.  
2026: e9575966
- **Imaging of Staphylococcus aureus infections and biofilms using a selective covalent probe for the unique serine hydrolase FphE.** *bioRxiv : the preprint server for biology*  
Woods, E. C., Upadhyay, T., Park, K. W., Su, S. P., Xiao, Z., Rao, J., Valdez, T. A., Jo, J., Bogoyo, M.  
2026
- **Intraoperative Label-free Detection of Cholesteatoma Using Autofluorescence: A Feasibility Study.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*  
Park, R. K., Penaranda, D., Nyaeme, M. S., Chang, K. W., Blevins, N. H., Ahmad, I., Valdez, T. A.  
2026; 47 (2): e467-e472
- **Tracheal cartilaginous sleeve prevalence in syndromic craniosynostosis: A single institution study.** *International journal of pediatric otorhinolaryngology*  
Park, R. K., Hu, K., Fullerton, Z. H., Lee, M. C., Khosla, R. K., Balakrishnan, K.  
2026; 202: 112745
- **Outcomes for Sinonasal Undifferentiated Carcinoma (SNUC): An International Multi-Center Retrospective Cohort Study.** *Cancers*  
Liu, J., Takahashi, Y., Rehman, U., Turri-Zanoni, M., Mattavelli, D., Counsell, N., Ferrari, M., Rampinelli, V., Vermi, W., Lombardi, D., Saade, R., Park, K. W., Emanuel, et al  
2026; 18 (3)
- **Multimodal Shortwave Infrared Imaging for Visualization of Injection Laryngoplasty.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*  
Park, R. K., Lee, M. C., Härtl, S., Arús, B. A., Nuyen, B., Sung, C. K., Baik, F. M., Bruns, O. T., Valdez, T. A.  
2025
- **Ischemic Stroke After Cochlear Implantation in a Patient With an Undiagnosed Mitochondrial Disorder.** *Cureus*  
Kullar, P., Park, K. W., Kaufman, A., Santa Maria, P. L.  
2025; 17 (5): e83485
- **Nano Approaches to Nucleic Acid Delivery: Barriers, Solutions, and Current Landscape.** *Wiley interdisciplinary reviews. Nanomedicine and nanobiotechnology*  
Gonzalez, J. C., Park, K. W., Evans, D. B., Sharma, R., Sahaym, O., Gopalakrishnan, S., Dar, A. I., Valdez, T. A., Sharma, A.  
2025; 17 (2): e70010
- **Injectable alginate/collagen clindamycin hydrogel for treatment of surgical site infections.** *Scientific reports*  
Park, R. K., Kim, S., An, J., Lee, M. C., Yang, Y. P., Valdez, T. A.  
2025; 15 (1): 7964
- **Mixed-Layered Glycodendrimer Probe for Imaging Inflammation at Surgical Site Infections.** *ACS sensors*  
Dhull, A., Park, K. W., Dar, A. I., Wang, A., Rani, A., Sharma, R., Valdez, T. A., Sharma, A.

2025

- **An mRNA Display Approach for Covalent Targeting of a Staphylococcus aureus Virulence Factor.** *Journal of the American Chemical Society*  
Wang, S., Woods, E. C., Jo, J., Zhu, J., Hansel-Harris, A., Holcomb, M., Llanos, M., Pedowitz, N. J., Upadhyay, T., Bennett, J., Fellner, M., Park, K. W., Zhang, et al  
2025
- **Intraoperative nerve imaging with sodium fluorescein.** *medRxiv : the preprint server for health sciences*  
Park, R. K., Arús, B. A., Lee, J. Y., Weitzberg, M. M., Lee, M. C., Nyaeme, M. S., Barthel, J., Balsamo, G., Baik, F. M., Speirs, K., Blume, B., Heller-Algazi, M., Chmyrov, et al  
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- **An mRNA Display Approach for Covalent Targeting of a Staphylococcus aureus Virulence Factor.** *bioRxiv : the preprint server for biology*  
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2024
- **Artificial Intelligence Tracking of Otologic Instruments in Mastoidectomy Videos.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*  
Liu, G. S., Parulekar, S., Lee, M. C., El Chemaly, T., Diop, M., Park, R., Blevins, N. H.  
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- **Artificial Intelligence in Facial Plastics and Reconstructive Surgery.** *Otolaryngologic clinics of North America*  
Park, K. W., Diop, M., Willens, S. H., Pepper, J. P.  
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- **Polymer-Tethered Quenched Fluorescent Probes for Enhanced Imaging of Tumor-Associated Proteases.** *ACS sensors*  
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- **Development of Oxadiazolone Activity-Based Probes Targeting FphE for Specific Detection of Staphylococcus aureus Infections.** *Journal of the American Chemical Society*  
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- **Current and Emerging Therapies for Chronic Subjective Tinnitus.** *Journal of clinical medicine*  
Park, K. W., Kullar, P., Malhotra, C., Stankovic, K. M.  
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- **International Multicenter Study of Clinical Outcomes of Sinonasal Melanoma Shows Survival Benefit for Patients Treated with Immune Checkpoint Inhibitors and Potential Improvements to the Current TNM Staging System.** *Journal of neurological surgery. Part B, Skull base*  
Lechner, M., Takahashi, Y., Turri-Zanoni, M., Ferrari, M., Liu, J., Counsell, N., Mattavelli, D., Rampinelli, V., Vermi, W., Lombardi, D., Saade, R., Park, K. W., Schartinger, et al  
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- **Is lobectomy sufficient for multifocal papillary thyroid microcarcinoma?** *American journal of otolaryngology*  
Park, K. W., Han, A. Y., Kim, C. M., Wang, M. B., Nguyen, C. T.  
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- **International Multicenter Study of Clinical Outcomes of Sinonasal Melanoma Shows Survival Benefit for Patients Treated with Immune Checkpoint Inhibitors and Potential Improvements to the Current TNM Staging System** *JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE*  
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- **Clinical outcomes, Kadish-INSICA staging and therapeutic targeting of somatostatin receptor 2 in olfactory neuroblastoma.** *European journal of cancer (Oxford, England : 1990)*  
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- **Round Cell Sarcoma with EWSR1-PATZ1 Gene Fusion in the Neck: Case Report and Review of the Literature.** *The Laryngoscope*  
Park, K. W., Cai, Y., Benjamin, T., Qorbani, A., George, J.  
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- **Retrospective Analysis of Patients With Acute Invasive Fungal Rhinosinusitis in a Single Tertiary Academic Medical Center: A 10-Year Experience.** *American journal of rhinology & allergy*  
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Park, K. W., Han, A. Y., Kim, C. M., Tam, K., Chhetri, D. K.  
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- **Readmissions after endoscopic skull base surgery: associated risk factors and prevention.** *International forum of allergy & rhinology*  
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