

## Publications

### Scientific journal articles

1. Seow HC, Cai JP, Pan HW, Luo C, Wen K, Situ J, Wang K, Cao H, Leung SWS, Yuan S & Lam JKW. (2023) Neutralisation of SARS-CoV-2 by monoclonal antibody through dual targeting powder formulation. **Journal of Controlled Release**, 358: 128-141.
2. Chow MYT, Pan HW, Seow HC & Lam JKW. (2023) Inhalable neutralizing antibodies – promising approach to combating respiratory viral infections. **Trends in Pharmacological Sciences**, 44(2): 85-97.
3. Pan HW, Seow HC, Lo JCK, Guo J, Zhu L, Leung SWS, Zhang C & Lam JKW (2022) Spray-Dried and Spray-Freeze-Dried Powder Formulations of an Anti-Interleukin-4R $\alpha$  Antibody for Pulmonary Delivery. **Pharmaceutical Research**, 39(9): 2291-2304.
4. Seow HC, Liao Q, Lau AT, Leung SW, Yuan S, Lam JKW. (2022) Dual targeting powder formulation of antiviral agent for customizable nasal and lung deposition profile through single intranasal administration. **International Journal of Pharmaceutics**, 619: 121704.
5. Liao Q, Yuan S, Cao J, Tang K, Qiu Y, Seow HC, Man RC, Shao Z, Huang Y, Liang R, Chan JFW, Yuen KY, Lam JKW. (2021) Inhaled Dry Powder Formulation of Tamibarotene, a Broad-Spectrum Antiviral against Respiratory Viruses Including SARS CoV-2 and Influenza Virus. **Advanced Therapeutics**, 4(7): 2100059.

## Conference presentations

1. Seow HC, Li HX, Cheong JY, Chow MYT, Lam JKW. (5-9 May 2024). The Influence of Salts on Spray Dried Powder for Nasal Inhalation: Aerosol Characterization with 3D-Printed Nasal Replica. [Poster presentation at **Respiratory Drug Delivery 2024**, Tucson, Arizona, United States]
2. Seow HC, Chow MYT, Zhu Z, Majumder M, Lam JKW. (6-8 December 2023). Impact of salts on spray dried inhaled dual site targeting mannitol powder for radiolabelling procedure. [Poster presentation at **Drug Delivery to the Lungs 2023**, Edinburgh, United Kingdom]
3. Seow HC, Lam JKW. (2-5 May 2023). Inhaled Antibody Therapies: Enabling Prophylactic Protection against SARS-CoV-2 Infection with a Dual Targeting Powder Formulation. [Conference abstract at **Respiratory Drug Delivery Online 2023**, Nice, France]
4. Seow HC, Wang S, Sun H, Lam JKW. (7-9 December 2022). Simultaneous nasal and lung delivery of an antiviral metallodrug using a dual targeting powder formulation. [Podium and Poster presentations at **Drug Delivery to the Lungs 2022**, Edinburgh, United Kingdom]
5. Seow HC, Liao Q, Lam JKW. (25-29 July 2021). Repurposing and reformulation of tamibarotene as broad-spectrum antiviral drug in nasal powder formulation. [Oral and Poster presentations at **Controlled Release Society 2021**, Virtual Annual Meeting]

## Patents

1. Lam JKW, Seow HC, Liao Q. Dual targeting powder formulation of antiviral agent for nasal and lung deposition through single intranasal administration. US Provisional Application No. 63/267,07 filed on 21 January 2022.