



## Drug Delivery through Pulmonary

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### Message from the Guest Editors

Dear Colleagues,

Recently, drug delivery through the pulmonary has been explored as an alternative method for oral administration, having poor bioavailability to systemic circulation. It has become an attractive method for local and systemic delivery of therapeutic agents in the scientific and biomedical health care area.

For successful pulmonary drug delivery, delivery devices such as a nebulizer and inhaler and formulation of therapeutics agents play an important role. In recent years, significant progress has been made in the development of advanced devices, including a device for powder formulation.

This Special Issue attempts to highlight current research activities in the areas of portable nebulizer or inhaler development for pulmonary drug delivery, formulation development of drugs for nebulizers or inhalers, and advanced delivery methods or tools for some drugs, such as antibiotics, vaccines, exosomes with nucleic acids, peptides, and so on. We invite articles on all aspects of advanced pulmonary drug delivery systems designed with the aim to overcome drug delivery problems.





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## Message from the Editor-in-Chief

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