

## Special Issue

# Structural and Functional Insights into Membrane Transporters: A Tribute to Dr. Ernest Wright

### Message from the Guest Editor

This Special Issue will commemorate the outstanding career of Dr. Ernest Wright, who has recently retired. Dr. Wright, a member of both the Royal Society and the National Academy of Sciences, is renowned for his pioneering contributions to the field of membrane transport, particularly in the cloning and characterization of sodium-glucose co-transporters (SGLTs). His groundbreaking discoveries have shaped our understanding of glucose transport and its implications for human health, laying the foundation for therapeutic advances in diabetes and cancer treatment. This Special Issue will take a broader approach to membrane transporters, examining various classes of transporters and exploring their structural and functional relationships, as well as their roles in health and disease. By bringing together cutting-edge research, this Special Issue will provide a comprehensive overview of how membrane transporters contribute to cellular function and how their dysfunction can lead to disease. It is our honor to celebrate Dr. Wright's illustrious career with this collection of studies, which will also inspire future research in the field of membrane transport.

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### Guest Editor

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### Deadline for manuscript submissions

closed (20 April 2026)



## International Journal of Molecular Sciences

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