

# Speaker's Biosketch

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## **Young-Kook Kim (Chonnam National University, Republic of Korea)**

Professor Young-Kook Kim received his doctorate from Professor V. Narry Kim's research team at Seoul National University, where he focused on microRNA biogenesis. During his studies, he explored the functional relationships between microRNAs in cancer and identified factors involved in stem cell differentiation. He also developed a genomic engineering library for inducing microRNA knockouts. Following his doctorate, Professor Kim began his career at Chonnam National University Medical School. There, he has conducted extensive research on the roles of non-coding RNAs in various diseases. His current research interests include long non-coding RNAs and circular RNAs in cardiovascular and neurological diseases, with a particular focus on intracellular transcriptome analysis. Additionally, he is exploring RNA-based therapies for treating diverse diseases. Through his research, Professor Kim aims to develop treatments for human diseases by targeting non-coding RNAs.