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**Therapeutic Science and Medicine: New Models for Academic—Industry Interactions.**

Dr. Chin will discuss the challenges that the “therapeutics ecosystem,” which includes academia, healthcare centers, pharma and government, faces. One of the key issues is the lack of knowledge of disease pathogenesis and nature of heterogeneity of disease. He will explore the critical role of academia in this regard. Also, the potential innovative models of collaborative partnership that must be engaged to enable the discovery and development of more efficacious and safe medicines for our patients will be described. Finally, Dr. Chin will address how these approaches might begin to address the promise of personalized medicine.