

## 浙江大学医学院学术报告

## Growth factors, angiogenesis and blood pressure regulation

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报告人: Prof. Anton Wellstein

Lombardi Cancer Center

Georgetown University **间**: **2016年9**月**22**日(周四)

下午15:30

地 点: 医学院综合楼205会议室

主持人: 赖蒽茵 教授

Prof. Anton Wellstein, a Professor and Associate Director for Basic Research at the Lombardi Comprehensive Cancer Center, Georgetown University. He has been trained as an MD/PhD in Germany in clinical medicine and then in pharmacology. He then joined NIH to study growth factor signaling in cancer in the Medicine Branch of the NCI with Dr. Marc Lippman. Prof. Wellstein has had a long term interest in growth factor and cytokine signaling, and the ultimate aim of his research is to find targets amenable to therapy. He discovered that the receptor for pleiotrophin was ALK and has been working on therapeutic antibodies to interrupt that pathway, and also identified and defined the role of secreted binding proteins for FGF and their function in angiogenesis, blood pressure, cancer and development. Now, he is actively involved in clinical trials of pathway inhibitors, his research has focused on the function and regulation of the activity of FGFs and the pleiotrophin/ALK signaling pathways as well as the crosstalk with the immune system. He published 185 papers and reviews in Nature medicine, Hypertension, J Biol Chem, PNAS, Science Signaling and Cancer Research.

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