



Seminar



Prof. Dr. Nigel W. Bunnett

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Disease-relevant Signaling from Subcellular Compartments: Implications for Therapy

Nigel W. Bunnett Ph.D. is Professor and Chair of the Department of Molecular Pathobiology, Associate Dean for Research Development, and Investigator of the Pain Research Center, College of Dentistry, New York University. He is also a Professor in the Department of Neuroscience and Physiology and an Investigator in the Neuroscience Institute, Grossman School of Medicine, New York University.

Nigel's laboratory investigates the mechanisms by which G protein-coupled receptors and receptor tyrosine kinases signal chronic pain, itch and neurogenic inflammation. A particular focus of his research is to understand how receptors signal from subcellular compartments of neurons to induce the transition from acute (physiological) to chronic (pathological) pain. His laboratory has developed therapeutic approaches that target intracellular receptors, providing more effective and long-lasting relief from chronic pain than conventional treatments. This work is relevant to the more effective treatment of many diseases.

Nigel's research has been reported in ~350 publications, which have received >44,000 citations (h-index 108), and is funded by the National Institutes of Health and the Department of Defense. His contributions have been recognized by awards including NIH Method to Extend Research in Time (MERIT) Award, NHMRC Australia Fellowship, and the Research Mentor Award from the American Gastroenterology Association. Nigel served as Editor-in-Chief of the American Journal of Physiology, Gastrointestinal and Liver Physiology and is an Executive Editor of Function.

Time: Monday, 10 June 2024, 16:30h
Location: Pathologie Universitätsklinikum Erlangen
Krankenhausstr. 8 - 10
Oberer Hörsaal, Raum A 2.150
and Zoom

To get the Zoom link please contact:
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