

Nota Biográfica

Michael Hall

Michael N. Hall received his Ph.D. from Harvard University and was a postdoctoral fellow at the Pasteur Institute (Paris, France) and the University of California, San Francisco. He joined the Biozentrum of the University of Basel (Switzerland) in 1987 where he is currently Professor and former Chair of Biochemistry. Hall is a pioneer in the fields of TOR signaling and cell growth control. In 1991, Hall and colleagues discovered TOR (Target of Rapamycin) and subsequently elucidated its role as a central controller of cell growth and metabolism. The discovery of TOR led to a fundamental change in how one thinks of cell growth. It is not a spontaneous process that just happens when building blocks (nutrients) are available, but rather a highly regulated, plastic process controlled by TOR-dependent signaling pathways. As a central controller of cell growth and metabolism, TOR plays a key role in development, aging, and disease. Hall is a member of the US National Academy of Sciences and has received numerous awards, including the Breakthrough Prize in Life Sciences (2014) and the Albert Lasker Award for Basic Medical Research (2017).