

John Macor Biography



John Macor earned his B.S. degree from the University of Notre Dame in 1982 doing undergraduate research with Professor Marvin Miller, and earned his Ph.D. degree at Princeton University with Professor E. C. Taylor in 1986. John then joined Pfizer where he was engaged in a variety of CNS drug discovery efforts, moved to Astra Arcus in 1994 focusing on cholinergic drug discovery, and then moved to Bristol-Myers Squibb in 1997, starting in cardiovascular and moving to neuroscience in 2001 and immunosciences in 2013. He assumed the role as Executive Director of Neuroscience Discovery Chemistry in 2002 and Executive Director of Immunosciences Discovery Chemistry in 2013. In 2016, he accepted the role as Global Head of Integrated Drug Discovery for Sanofi with groups in Paris, Frankfurt and Waltham, MA.

John is a co-inventor of Relpax® (*eletriptan*), an anti-migraine agent (5HT_{1D} receptor agonist) discovered during his time at Pfizer. At BMS, he was also a co-inventor of Nurtec ODT® (*rimegepant*), a CGRP receptor antagonist for the treatment of migraine. At Astra he was co-inventor of AZD0328, an $\alpha 7$ neuronal nicotinic receptor agonist, which advanced to Phase 2 trials for schizophrenia. At BMS, he was also a co-inventor of BMS-346567 (*sparsentan*, a dual AT₁/ET_A receptor antagonist presently in Phase 3 clinical trials for focal segmental glomerulosclerosis) and BMS-708163 (*avagecestat*, a γ -secretase inhibitor for Alzheimer's Disease that reached Phase 2). Dr. Macor is also a co-inventor of LX9211 (an AAK1 inhibitor for neuropathic pain, Phase 2) and zavegepant (intranasal CGRP antagonist for migraine, Phase 3).

John has authored/co-authored over 200 peer-reviewed publications, is an inventor on more than 130 issued US patents, and given more than 100 invited lectures. Dr Macor chaired the 2002 Gordon Research Conference on Medicinal Chemistry and the 2006 Gordon Research Conference on Heterocyclic Compounds. Dr Macor served as Editor-in-Chief of *Annual Reports in Medicinal Chemistry* for Volumes 42 – 46 (2006 – 2011). John was awarded the 2009 Scarborough Award in Medicinal Chemistry, and was made an American Society Fellow in 2011. Dr Macor served as Chair of the Medicinal Chemistry Division (MEDI) of the American Chemical Society in 2015 and served a total of ten years on the Executive Committee of MEDI in various roles. Dr Macor was awarded the 2014 Alfred Burger Award in Medicinal Chemistry (a National Award from the ACS) and was inducted into the Medicinal Chemistry Hall of Fame in 2014. He was designated as the 2019 Smissman awardee from the MEDI Division of the ACS “given to a living scientist whose research, teaching or service has had a substantial impact on the intellectual and theoretical development of the field of Medicinal Chemistry.” In 2020 Dr. Macor was awarded the IUPAC-Richter Prize in “recognition of his outstanding creative contributions in the field of medicinal chemistry research on drugs for the treatment of migraine.”