

The BCPT Nordic Prize 2022 goes to Professor Kim Brøsen



Professor, DMSc, Kim Brøsen has been awarded the BCPT Nordic Prize for 2022 in Basic and Clinical Pharmacology and Toxicology.

Kim Brøsen has been a towering presence within European clinical pharmacology for 35 years. He is internationally recognized as an innovative, pioneering, and leading researcher within human drug metabolism and pharmacogenomics. He has been a strong developer and promoter of clinical pharmacology training, and he has tirelessly pursued the implementation of clinical pharmacology as a medical specialty with a recognizable and respected professional identity. Additionally, he has an elite publication record and resides deservedly among the Highly Cited Researchers within clinical pharmacology. He is known for his strong strategic competences and his ability to create and nurse national and international networks. Not least, he is known for his inspiration and support to young researchers and is appreciated for his genuine overall academic approach, social generosity, and humour.

Kim Brøsen was born in Copenhagen on 30 July 1954 and graduated from Medical School, University of Copenhagen, in 1981. After 4 years of hospital internship, he became a research fellow at Clinical Pharmacology, Odense University (now University of Southern Denmark) in 1985. He effortlessly proceeded through the academic ranks as assistant professor/lecturer (1986), associate professor/senior lecturer (1988) and was appointed to his current position as full professor in clinical pharmacology in 1995 at the age of 41. Kim Brøsen was a guest researcher from 1988-89 at Biozentrum at the University of Basel, Switzerland, and professeur associé from 2002-03 at Service de Pharmacologie, Hospital Saint-Antoine, Paris, France. Kim Brøsen received specialist authorization as a clinical pharmacologist in 1997 and was appointed a consultant

at Odense University Hospital the same year. In 2000, he was appointed head of research in clinical pharmacology at University of Southern Denmark which he has led convincingly during the last 20 years. The department now boasts 5 professors, 3 associate professors, more than 10 PhD students, and a fully functional laboratory in both analytical, chemistry and cellular pharmacology and publishes numerous high impact papers every year. Kim Brøsen has led his own research program over several decades. His research has focused on improving our understanding of human drug metabolism and drug transport and led to several original discoveries. Early, he identified the antidepressant drug paroxetine as a CYP2D6 inhibitor which had major clinical implications for patients with depression, and more recently he has improved our understanding of metformin pharmacokinetics and pharmacogenetics. During his academic career, he has published more than 300 scientific papers many of which have obtained high impact, and he was among the most highly cited researchers in pharmacology from 2001 to 2015.

Dr. Brøsen has been seminal in training the next generation of researchers. He has supervised 28 PhD theses and numerous students at the bachelor's and master's level. He was one of the main architects behind the establishment of clinical pharmacology as a medical specialty in Denmark. He was seminal to the development of a bachelor's and master's program in pharmacy at University of Southern Denmark that now trains approximately 60 pharmacists every year. Dr. Brøsen has been essential to the development, expansion and recognizability of clinical pharmacology in Europe. He was the President of the 16th IUPHAR World Congress on Basic and Clinical Pharmacology in Copenhagen in 2010, and he was the chair of the 5th EACPT Congress in Odense, Denmark, in 2001, and he served as a member of the executive committees for both EACPT and IUPHAR. Dr. Brøsen has been the Editor-in-Chief of Basic and Clinical Pharmacology and Toxicology for almost 20 years and has led the journal to its highest impact factor level. Dr. Brøsen has served on editorial boards for major journals within the field of clinical pharmacology including Clinical Pharmacology and Therapeutics and British Journal of Clinical Pharmacology. Kim Brøsen is also the editor of the well-recognized clinical pharmacology reference book in Denmark, Basic and Clinical Pharmacology, and has now led two editions of the book. Finally, he founded and led the Danish Clinical Intervention Research Academy from 2004-2008. In 2021, he was awarded the EACPT Lifetime Achievement Award, which is the most prestigious award in clinical pharmacology in Europe.

In conclusion, we believe that Kim Brøsen has been one of the most important contributors to research and the development of clinical pharmacology over the last 35 years. He has left clear and invaluable imprints on the leadership, practice, training, education, research and position of our discipline and professional trade. We believe the merits outlined above naturally qualify Kim Brøsen as a worthy recipient of the BCPT Nordic Prize 2022.

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