

Curriculum Vitae – Troels Skrydstrup

Troels Skrydstrup was born in Frederiksberg, Denmark in 1961, but spent most of his childhood in Canada in Montréal (Quebec) and Iroquois (Ontario).

Academic Experience: Troels Skrydstrup received a BSc degree in chemical engineering from Queen's University, Kingston, Canada (1983) and his MSc and PhD degrees from the Technical University of Denmark (1985 and 1988). After several post-doctoral periods at l'Institut de Chimie des Substances Naturelles, Gif-sur-Yvette, France (1988–89, 1990–92) and at the Carlsberg Laboratories (1989–90), Troels Skrydstrup was employed as a Chargé de Recherche (CR1) in the CNRS both at l'Université d'Orléans and l'Université Paris XI (1992–1997). In 1997, he became Associate Professor at the Department of Chemistry, Aarhus University, and was promoted full Professor of Organic Chemistry in 2002. Currently, he is center leader of the Carbon Dioxide Activation Center at Aarhus University, and the co-director of the Novo Nordisk Foundation CO₂ Research Center.

Membership and awards: Troels Skrydstrup was elected as a fellow of the Royal Danish Academy of Sciences in 2008, as member of the Danish Academy of Natural Sciences in 2010, and the Danish Academy of Technical Sciences in 2015. He was knighted by the Danish Queen in 2012. In 2001, he received the *Holm's Research Prize*. In 2018, he was awarded the *Melvin Calvin Award 2018* for outstanding scientific contributions in the field of isotope science, and the same year the *Science Award* from the Faculty of Science and Technology, Aarhus University. In 2022, he received the Bjerrum, Brønsted, Lang award. Troels Skrydstrup has been visiting professor at l'Université de Versailles (2001), Osaka Prefecture University (2007), l'Université Paris Decartes (2008), Nanyang Technological University, Singapore (2013), l'Université de Bordeaux (2014) and Nanchang University (2018).

Publications: Over 290 publications, H-factor: 60

Research and Innovation: Recent efforts have been focused on the development of innovative isotope labeling techniques, methods for polymer deconstruction and carbon dioxide conversion.