

Biography

Thomas Laurell received his PhD in electrical engineering in 1995 at Lund University and obtained a position as associate professor in 1998 at Lund University performing research on lab-on-a-chip technology interfaced to mass spectrometry proteomics and disease biomarker research as well acoustic manipulation of cells and particles in microfluidics systems. He holds a position as Professor in Medical and Chemical Microsensors since 2000 with a focus on Lab-On-A-Chip technologies in biomedicine at the Department of Biomedical Engineering, Div. Nanobiotechnology and Lab-on-a-chip (<http://bme.lth.se/research-pages/nanobiotechnology-and-lab-on-a-chip/>)

In 2005 Laurell co-founded the Chemical and Biological Microsystems Society, CBMS, the ruling body of the MicroTAS conference series and served as the President of CBMS, (www.cbmsociety.org) 2009-17. He coordinated the proposal for a national infrastructure in biological mass spectrometry, [BioMS](#), now headed by Lund University. Laurell was appointed Distinguished Professor at Dongguk University, Dept. Biomedical Engineering, Seoul, Korea from 2009-17 and he is an elected Fellow of School of Engineering, Tokyo University since 2015. Laurell is also an elected member of: [The Royal Swedish Academy of Sciences](#), [The Royal Academy of Engineering Sciences](#), and [The Royal Physiographic Society](#). He has served as the Chairman for division VII, Royal Academy of Engineering Sciences 2009-2014. Laurell has published over 225 peer reviewed scientific publications, filed 32 patent applications, (h-index: 52 – ISI Web of Science, [Publication and citation data](#)) and has co-founded AcouSort AB. In 2019 Laurell was awarded a [Distinguished Professor Grant](#) (49 MSEK) from the Swedish Research Council. Total research funds as PI \approx 320 MSEK.