

Prof. Dr. Maarten Honing obtained a PhD degree in Analytical Chemistry in 1995 at the VU University of Amsterdam on interfacing hyphenated mass spectrometry technologies. Between 1995 and 2017 he was R&D lab manager in Pharmaceutical (Organon, MSD), Chemical and Polymer industry (DSM), responsible for molecular structure analysis, solid state characterization and process. In 2011, besides his industrial position, he was appointed extraordinary professor "Analytics in Drug Discovery" at the Science faculty of the VU University lecturing on Analytical Sciences in Pharmaceutical R&D, Technologies in support of Biopharmaceuticals development and Analytical Mass Spectrometry. He served as secretary (Dutch Mass Spectrometry Association) and Treasurer of "Top Institute COAST". In the period 1995 – 2018, he acted as principle investigator in various "public-private" research projects developing novel analytical approaches for molecular structure - activity assessments, pharmacokinetics, structure property relationships for synthetic polymers and lately "Material-Biology" interactions. His special interest was in the combined utilization of NMR, MS and classical spectroscopy. In 2013, he was appointed member of the "Public-Private Projects" council of the "Dutch Science Foundation (NWO) and acts as chair of the Program council "Chemical NanoTechnologies & Devices, representing analytical sciences and process technologies in the "Strategy Council" of the national "Topsector Chemistry". In the period 2009-2012, he was member of the advisory board of "Spinovation", an analytical contract research organization. Since 2017, he is appointed as professor at the Faculty of health, Medicine & Life Sciences at the University of Maastricht. He is and has been active in guiding master and PhD students, an active representer of Analytical Sciences at the National Platforms. His academic research interests are focused on novel analytical technologies, with special attention to (ion mobility) mass spectrometry, for the time and chemical resolved imaging of chemical and biological (cell) systems. Hyphenation of microfluidics (micro flow reactors, or Organ-on-the-Chip) plays a central role in his research.