Curriculum Vitae

Candidate: SM2

March 24, 2026

Career History

Year	Duties
1982	Joined DKS Co. Ltd. (Dai-ichi Kogyo Seiyaku Co., Ltd.) Assigned to the R&D division
1982 - 1987	Research on creating acrylic water-soluble polymers Materials: (meth)acrylic acid, (meth)acrylic esters, acrylamide, etc. Applications: waterborne dispersants, thickeners, binders for new ceramics, conductive treatment agents, etc. Some products are still on sale today
1985 - 1990	Paint additive development project with U Corporation of the United States (company name at the time) Material: waterborne urethane resin Application: associative thickeners for waterborne paints Currently on sale
1990 - 1998	Research on polymer alloys: development of additives for uniformly dispersing dissimilar polymers that normally cannot be mixed uniformly Research on permanent antistatic agents: development of additives for making resins that never become electrostatically charged Starting from study of the skeleton and composition of the agents, carried through to plant start-up, production and market development
1998 - 2001	New Business Development Department R&D of resin emulsions, creation of emulsion powders, and R&D of new flame retardants Except for the new flame retardant, the other themes did not reach commercialization
2001 - 2009	R&D of waterborne urethane resins for automotive paints To respond to the shift to waterborne paints then being pursued by automakers, took part as a person in charge and as manager in R&D of waterborne urethane resins specialized for automotive paints Carried out the start-up of a new manufacturing plant Deliveries to major Japanese paint manufacturers continue
2005 - 2009	R&D for creating new businesses In charge of R&D management for the following new businesses Pharmaceutical active ingredients: selling overseas-made active ingredients to Japanese pharmaceutical companies Built a plant; GMP activities Polymer pharmaceuticals: studies with the R Company group to create and manufacture new drugs Cellulose nanofiber: introduced technology from T University and conducted joint research Built production facilities and commercialized Currently on sale for cosmetics and water-based ink applications Film coating agents: developed a primer for liquid crystal display films Currently on sale
2009 - 2011	Development Department; General Manager, Waterborne Urethane Sales Department Mainly sales activities for waterborne urethane resins in general
2011 - 2013	General Manager, Resin Materials Sales Department Main products handled: urethane resins, waterborne urethane resins, flame retardants, synthetic lubricants, etc.
2013 - 2014	Synthetic lubricant production project in China The project was cancelled due to the 2015 Tianjin Binhai New Area warehouse explosion
2014 - 2016	Seconded to Yokkaichi Chemical Co., Ltd. Managing Director General Manager, Research Department
2016 - 2022	Seconded to Yokkaichi Chemical Co., Ltd. Managing Director

Year	Duties
	General Manager, Sales Department
2022 - 2024	Returned to DKS Co. Ltd. Administration Headquarters DKS Challenge Center
2025 - present	Public industrial support organization: Matching Navigator

Technical Areas Available for Guidance

(1) Synthesis

- (1) Polymer synthesis reactions
  Radical polymerization: thermal polymerization of acrylic monomers
  Photopolymerization: UV curing of acrylic monomers
  Polycondensation: synthesis reactions of polyesters, etc.
  Polyaddition: ring-opening polymerization of ethylene oxide, propylene oxide, etc.
  Polyurethane synthesis, epoxy synthesis
- (2) Polymer modification
  Reactions introducing various functional groups into polymers
- (3) Cellulose-related
  Introduction of various functional groups into cellulose (carboxymethyl groups, alkylene oxide groups, etc.)
  Synthesis of cellulose nanofibers

(2) Application and evaluation

- (1) Surfactant utilization technology
  General
  Emulsification, solubilization, cleaning, etc.
- (2) Paints and inks
  Pigment dispersion technology, viscosity control, coating performance, cissing prevention, etc.
- (3) Film coating
  Surface modification of films using surfactants and functional resins (water and oil repellency, etc.), improved adhesion, introduction of functional groups, etc.
- (4) Metal surface treatment
  Precision cleaning, surface modification, coating, etc.

(3) Manufacturing equipment

- (1) Polymerization equipment in general
  Radical polymerization, alkylene oxide addition reaction equipment
- (2) Emulsifiers
- (3) Dispersers
- (4) Agitators for high-viscosity materials
- (5) Microreactors