

Stefano Scialla – Brief C.V.

Stefano Scialla is an Adjunct Professor in the Faculty of Engineering at the University of Rome “Campus Bio-Medico”, where he is currently a lecturer of “Chemical Physics for Industry” and “Engineering and Product Design”. He also serves as Grand Challenges Scholars Program Director in the same University.

Before joining Campus Bio-Medico University in July 2020, he was a Senior Technical Director at Procter & Gamble, where he had a 32-year career in R&D and was based in the P&G Research Centers of Rome, Pescara (Italy) and Brussels. His experience includes:

- Leadership and management of international R&D project teams.
- Participation as project leader in several EU funded projects: “Nanok” (Grant agreement ID: 29744), concerning new nanotechnology applications (2006-2010); “Blue4Glue” (ID: 217873), concerning bioadhesive technologies derived from marine organisms (2007-2011); “Biomimetic” (ID: 282945), concerning bioinspired polymers from renewable resources (2011-2015); “Renaissance” (ID: 289347), concerning innovative polyelectrolytes based on ecosustainable chemical approaches and their applications (2012-2016); “Bioclean” (ID: 722871), concerning long lasting clean surfaces via surface modification and photocatalytic approaches (2016-2019).
- Leadership of collaborative projects with other industrial partners, both multinational companies and SME’s.
- Strong expertise in the translation of technology/product innovation into IP strategies and patents (coinventor of >200 patents).
- Member of the “European Technology Council” of Procter & Gamble since 2004.
- Long experience in personnel recruiting, selection interviewing, internships, new hire/student training.

He gave invited talks at several Institutions, for instance: lectures on polymer chemistry in the “SUSPOL Summer School on Sustainable Polymer Chemistry” held at Universidad del Pais Vasco, San Sebastian, Spain, funded by the EU (2014); lectures on polymer Chemistry at Gent University in the context of a PhD course on Macromolecular Chemistry organized by Prof. F. Du Prez, Dept. of Organic Chemistry, Gent University, Belgium (2016-17); lectures on Materials Chemistry at Bari University (2018); lectures on Innovation Processes and Intellectual Property at Università Campus Bio-Medico (2015-2021).

He is the author of 213 publications (5 papers, 4 book chapters and 204 international patents). His bibliometric indexes are (Google Scholar as of October 29th, 2021):

- Citations: 2533
- H-index: 28

Chronology

1980: High school degree (focused on humanities) with full marks (60/60)

1980: First prize winner of Certamen Ciceronianum Arpinas, international competition of translation from Latin

1986: Laurea (5-year degree) in Chemistry – Rome University “La Sapienza” di Roma, with full marks and honour (110/110 e lode)

1986: “Assistant Researcher” at Daresbury Laboratories with UK government grant

1987: “Assistant Researcher” at Daresbury Laboratories and Queen’s University of Belfast, with UK government grant

1988: Hired as “Scientist” in Procter & Gamble R&D, based in Rome

1992: Promoted “Senior Scientist/Group Head” in Procter & Gamble R&D, Rome

1994: Promoted “Director” in Procter & Gamble R&D, Rome

1998: Promoted “Senior Technical Director” in Procter & Gamble R&D, Rome

1998-2002: “Senior Technical Director – New Business Development”, P&G R&D, Rome

2002-2005: “Senior Technical Director – Fabric Care Product Design and Technology”, P&G R&D Brussels, Belgium

2005-2008: “Senior Technical Director – Home Care Product Design and Technology”, P&G R&D Pescara

2008 to June 2015: “Senior Technical Director – Fabric & Home Care Technology”, P&G R&D Pomezia (Roma)

July 2015 to June 2020: “Senior Technical Director – Fabric & Home Care Technology, P&G R&D Brussels, Belgium

July 2020 to date: Adjunct Professor, Faculty of Engineering, Università Campus Bio-Medico di Roma

October 2021 to date: Visiting Research Fellow, National Institute of Chemical Physics and Biophysics, Tallinn, Estonia

Selection of most recent publications

S. Scialla, A. Loppini, M. Patriarca, E. Heinsalu, “Hubs, diversity and synchronization in FitzHugh-Nagumo oscillator networks: Resonance effects and biophysical implications”, Phys. Rev. E 103 (2021), 052211

B. Ludolph, S. Ebert, S. Scialla, F. Hulskotter, M. Jackson, K. Blyth, R. Chilton, “Alkoxylated polyalkylene imines or alkoxylated polyamines with a terminal polybutylene oxide block”, Patent: WO2020187648A1 (2020)

D. Boeckh, S. Ebert, F. Hulskotter, B.J. Loughnane, D. Marczewski, S. Scialla, “Process for the preparation of organosulfate salts of aminoacid esters”, Patent: WO2020144030A1 (2020)

B. Ludolph, D. Marczewski, S. Ebert, S. Scialla, “Cleaning compositions comprising esteramines”, Patent: US20200002648 (2020)

M. Renmans, S. Scialla, “Liquid hand dishwashing cleaning composition”, Patent: EP3663383 (2020)

A. Chieffi, L. Fuller, K. Gorczynska-Costello, A. Moon, M. Wagner, S. Scialla, *"Photoactivating device for washing machine"*, Patent: EP3581697 (2019)

K. Adrianenssens, A. Asmanidou, H. El Kah, C. Naudin, K. Tastenhoye, S. Scialla, *"Liquid acidic hard surface cleaning compositions having improved viscosity"*, Patent: US20190352579 (2019)

K. Adrianenssens, A. Asmanidou, H. El Kah, C. Naudin, K. Tastenhoye, S. Scialla, *"Liquid acidic hard surface cleaning compositions providing improved maintenance of surface shine, and prevention of water marks and splash marks"*, Patent: EP3569683 (2019)

K. Adrianenssens, A. Asmanidou, H. El Kah, C. Naudin, S. Scialla, *"Improved prevention of water marks and splash marks"*, Patent: EP3569681 (2019)

M. Valdivieso, R. Martin, K.M. Preston, S. Scialla, *"Dishwashing cleaning composition"*, Patent: EP3467085 (2019)

S. Scialla, R. Martin, K.M. Preston, *"Dishwashing cleaning composition"*, Patent: WO2019070923 (2019)

A. Sherry, M.P. Bolen, S. Kimani, L.M. Glenn, J.L. Donau, C.T. Morrissey, J.A. Fitzgerald, P.K. Vinson, M.P. Steffey, R. Ortiz, B.P. Hale, Y. Gizaw, R.J. Harrington, P.H. Koenig, N.J. Policicchio, S. Scialla, S.D. Smith, M.S. Wagner, *"Polymer containing antimicrobial hard surface cleaning compositions"*, Patent: EP3418363 (2019)

S. Scialla, M. Jackson, B. Ludolph, S. Ebert, C. Bittner, F. Hulskotter, G.S. Miracle, *"Cleaning compositions comprising non-alkoxylated esteramines"*, Patent: EP3649225 (2019)

S. Scialla, M. Jackson, B. Ludolph, S. Ebert, C. Bittner, F. Hulskotter, *"Cleaning compositions comprising alkoxylated esteramines"*, Patent: EP3649224 (2019)