

Josep Cornella

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Academic Career

10/2017-currently	Max-Planck Research Group Leader – Max-Planck-Institut für Kohlenforschung, Germany (Department of Organometallic Chemistry).
04/2017-10/2017	Group Leader – Max-Planck-Institut für Kohlenforschung, Germany (Department of Organometallic Chemistry).
08/2015-03/2017	Postdoctoral Research Fellow (Beatriu de Pinós Fellowship) – The Scripps Research Institute, USA (Prof. Phil S. Baran).
02/2012-04/2015	Postdoctoral Research Fellow (Marie Curie – FP7) – Institute of Chemical Research of Catalonia, Spain (Prof. Ruben Martin).
09/2008-01/2012	Ph.D. in Organic Chemistry – Queen Mary, University of London, UK (Prof. Igor Larrosa).
09/2007-09/2008	MSc in Organic Chemistry – Universitat de Barcelona
09/2003-09/2007	BSc Chemistry – Universitat de Barcelona.

Awards and Honours

2022	2022 class SN10 - 10 Scientists to watch (ScienceNews).
2022	2022 Padwa Lecture, Columbia University (NY, USA)
2022	2022 Merck Organic Chemistry Lecturer, University of Illinois Urbana-Champaign (USA)
2022	Organometallics Distinguished Author Award 2022
2021	Novartis Early Career Award 2021
2021	Kyoto Rising Star Lectureship (MSD Life Science Foundation - Japan)
2021	Heinz Maier-Leibnitz-Preis 2021 (Deutsche Forschungsgemeinschaft)
2020	ORCHEM Nachwuchspreis 2020
2020	Bayer Early Excellence in Science Award 2020
2020	Ruhrpreis für Kunst und Wissenschaft 2020
2020	Otto Röhm Gedächtnisstiftung Forschung Preis 2020
2020	C&EN Talented 12 - Class 2020
2020	Dozentenpreis des Fonds (Fonds der Chemischen Industrie)
2020	Marcial Moreno Award (Royal Spanish Chemical Society-Catalan Section)
2019	ERC Starting Grant 2020 (European Commission)
2019	Münster Symposium-CEC Young Researcher Award
2019	JSP Fellowship (Bürgenstock Conference)
2018	Thieme Chemistry Journals Award
2017	Independent Max-Planck Research Group Leader position at the Max-Planck-Institut für Kohlenforschung, Mülheim an der Ruhr, Germany
2015	Beatriu de Pinos Postdoctoral Fellowship - Generalitat de Catalunya, Spain
2014	EXPLORA-PROJECT - Ministry of Economia y Competitividad, Spain
2013	Marie Curie Postdoctoral Fellowship – IEF – FP7

Selected Publications from MPI-Kohlenforschung (Independent Career)

1. *Catalytic Synthesis of Phenols with Nitrous Oxide*. Le Vaillant, F.; Mateos Calbet, A.; Gonzalez-Pelayo, S.; Reijerse, E.; Ni, S.; Cornella, J. *Nature* **2022**, 604, 677.
2. *Fluorination of Arylboronic Esters Enabled by Bismuth Redox Catalysis*. Planas, O.; Wang, F.; Leutzsch, M.; Cornella, J. *Science*, **2020**, 367, 313.
3. *Deaminative Chlorination of Aminoheterocycles*. Ghiazza, C.; Faber, T.; Gomez-Palomino, A.; Cornella, J. *Nature Chemistry* **2022**, 14, 78.
4. *An Air-Stable Binary Ni(0)-Olefin Catalyst*. Nattmann, L.; Saeb, R.; Nöthling, N.; Cornella, J. *Nature Catalysis* **2020**, 3, 6.
5. *Catalytic Hydrodefluorination via Oxidative Addition, Ligand Metathesis, and Reductive Elimination at Bi(I)/Bi(III) Centers*. Pang, Y.; Leutzsch, M.; Nöthling, N.; Katzenburg, F.; Cornella, J. *J. Am. Chem. Soc.* **2021**, 143, 12487.