

Josep Cornella

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Academic Career

10/2017-currently	Max-Planck Research Group Leader – Max-Planck-Institut für Kohlenforschung (Department of Organometallic Chemistry).
04/2017-10/2017	Group Leader – Max-Planck-Institut für Kohlenforschung (Department of Organometallic Chemistry).
08/2015-03/2017	Postdoctoral Research Fellow (Beatriu de Pinós Fellowship) – The Scripps Research Institute (Prof. Phil S. Baran).
02/2012-04/2015	Postdoctoral Research Fellow (Marie Curie – FP7) – Institute of Chemical Research of Catalonia (Prof. Ruben Martin).
09/2008-01/2012	Ph.D. in Organic Chemistry – Queen Mary, University of London. (Prof. Igor Larrosa).
09/2007-09/2008	MSci in Organic Chemistry – Universitat de Barcelona. “Study of the Tandem Reaction of Hydroboration/Addition of Allenols to Aldehydes”
09/2003-09/2007	Chemistry BSc. – Universitat de Barcelona.

Awards and Honours

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 Economía y Competitividad, Spain
2013	Marie Curie Postdoctoral Fellowship – IEF – FP7

Selected Publications since at MPI-Kohlenforschung (Independent Career - 2017)

1. *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.
2. *Fluorination of Arylboronic Esters Enabled by Bismuth Redox Catalysis.* Planas, O.; Wang, F.; Leutzsch, M.; Cornella, J. *Science*, **2020**, *367*, 313.
3. *Bi(I)-catalyzed Transfer-Hydrogenation with Ammonia Borane.* Wang, F.; Planas, O.; Cornella, J. *J. Am. Chem. Soc.* **2019**, *141*, 4235.
4. *Dialkyl Ether Formation at High-Valent Ni(IV).* Le Vaillant, F.; Reijerse, E.; Leutzsch, M. **Cornella, J.*** *J. Am. Chem. Soc.* **2020**, *142*, 19540.
5. *An Air-Stable Binary Ni(0)-Olefin Catalyst.* Nattmann, L.; Saeb, R.; Nöthling, N.; Cornella, J. *Nat. Catal.* **2020**, *3*, 6.