

## Dr. Marco Baron Curriculum Vitae

Marco Baron (M.B.) obtained his Bachelor in 2008 (cum laude) and his Master Degree in Chemistry in 2010 (cum laude) at the University of Padova. He obtained his PhD in molecular sciences in 2014 (Excellent) at the same university with a thesis titled "Novel gold complexes with di(N-heterocyclic carbene) ligands: synthesis and applications" under the supervision of Prof. Marino Basato. During his doctoral studies, he spent five months at the University of Strasbourg (France) working at the Institute of Physics and Chemistry of Materials of Strasbourg (IPCMS) in the group of Dr. Stéphane Bellemin-Lapponnaz. For this period in a foreign university during his PhD project, M.B. received the special mention of "Doctor Europaeus". After the PhD he has continued his work on gold di(NHC) complexes at the university of Padova under the supervision of Dr. Cristina Tubaro being for two years (2014-2015) Junior postdoc (assegnista di ricercar Junior) in the project "Catalytic splitting of halogenidric acids as key step for chemical energy storage". Afterwards, in 2016, M.B. received a grant for a two-year (2016-2017) senior postdoc position (assegnista di ricerca Senior, grant number GRIC15V47A) at the University of Padova with the project "Development of Strongly Luminescent Gold Complexes with diNHC Ligands for Advanced Applications". During this project M.B spent two months as visiting postdoc researcher at the Department of Chemistry of the Technical University of Munich (Germany) under the supervision of Dr. Alexander Pöthig. In February 2018 M.B. has obtained a two-year postdoc position in the frame of the project "Exploiting 'Natural' N-Heterocyclic carbenes: Higher Achievements employing Nature's Toolkit" at the University of Padova, under the supervision of prof. Andrea Biffis, project that he partially carried out abroad. In fact, in February 2018 he has been also awarded of a six months short term research grant by the German Academic Exchange Service (DAAD) for the project "Gold(III) based Capsoplexes as Anion Sensors in Water", project that he carried out as associate postdoc researcher at the Technical University of Munich (Germany) under the supervision of Dr. Alexander Pöthig. Since March 2019 M.B. is working as assistant professor (RTDA) at the Department of Chemical Sciences at the University of Padova (sector CHIM03 – Inorganic Chemistry). In 2020 he received the "Flavio Bonati" award by the Organometallic Group of the Italian Chemical Society and the national scientific habilitation (ASN) as associate professor (professore di seconda fascia) for the sector 03/B1 by the MIUR.