

Jeanne Crassous was a student of the “Ecole Normale Supérieure de Lyon” (ENS Lyon, France). In 1992, she passed the national exam “concours de l’Agrégation de Sciences Physiques, option Chimie”. In 1993, she obtained a DEA (“Diplôme d’Etudes Approfondies”, Master degree) in Organic Chemistry from the University of Lyon 1. Jeanne Crassous received her PhD in 1996, prepared under the supervision of Prof. André Collet (ENS Lyon, France), on the absolute configuration of bromochlorofluoromethane (CHFCIBr). After a one-year postdoctoral period studying the chirality of fullerenes in Prof. François Diederich’s group (ETH Zurich, Switzerland), she received a CNRS researcher position at the ENS Lyon in 1998 and then she joined the “Institut des Sciences Chimiques de Rennes” (University of Rennes 1, France) in 2005. In 2010, she became Director of Research at the CNRS.

Her group is dealing with many fields of chirality (metal-based helicene derivatives, chiral phosphorated π -conjugated systems and assemblies, fundamental aspects of chirality such as parity violation effects) and chiroptical activity (electronic and circular dichroism, circularly polarized luminescence) for potential applications in optoelectronics.

She is co-author of more than 160 articles and has presented her work in more than 50 invited lectures and 60 seminars in laboratories.

She is currently coordinating a French national network (GDR CHIRAFUN, Chirality and multifunctionality) and a European ITN Project (HEL4CHIROLEDs, Helical molecules for Chiral OLEDs). She is member of the Editorial Board of Chirality journal (Wiley).

In 2013, she was elected distinguished junior member of the French Chemical Society (SCF). In 2020, she received the National Prize of the Organic Chemistry Division of the French Chemical Society (DCO-SCF). She is currently elected member of the executive board of the DCO-SCF. In 2021, she was elected Member of the European Academy of Science (EurASc) and Fellow of Chemistry Europe in 2022.