

## PERSONAL DATA

Name and Surname **Irena Dokli (Stipetić)**  
Date and place of birth June 24<sup>th</sup> 1982, Ogulin  
Scientists number 290640  
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## EDUCATION

2010 PhD, Faculty of Science, University of Zagreb  
2005 MSc in Chemistry, Faculty of Science, University of Zagreb

## WORK EXPERIENCE

2017-present Research Associate, Ruđer Bošković Institute,  
Laboratory for Stereoselective Catalysis and Biocatalysis  
02/2017-01/2018 Postdoctoral researcher, Institute of Organic Chemistry and Biochemistry of  
the CAS, Prague, Czech Republic, Dr Ullrich Jahn Group.  
2006-2017 Senior Research Assistant, Ruđer Bošković Institute,  
Laboratory for Stereoselective Catalysis and Biocatalysis

## PROJECTS (selected)

2015-2017 co-worker on Croatian-Chinese bilateral project "Sustainable methodologies  
enabling asymmetric synthesis of privileged cores of natural products",  
Project leader: Dr. sc. Matija Gredičak  
2015-2017 postdoctoral researcher on HRZZ project CALC – Chirality from Achiral Liquid  
Crystals, Project leader: Dr Andreja Lesac  
2014-2015 co-worker on project ApliMetaFarma RC.2.2.08-0046. Project leader: Dr  
Mario Cindrić  
2007-2012 co-worker on Croatian Ministry of Science, Education and Sports Project  
"Chiral building blocks for biological active molecules. Synthesis and  
reactivity", 098-0982933-2908; Project leader: Dr Zdenko Hameršak.  
2009-2011 co-worker on UKF project Biocatalytic application of halohydrin  
dehalogenases for production of chiral building blocks; Project leader: Dr  
Maja Majerić Elenkov

## FELLOWSHIPS AND AWARDS

2010 Annual reward of The Society of University Teachers, Scholars and Other  
Scientists in Zagreb  
2010 Annual reward of Ruđer Bošković Institute  
2008 Synfacts Georg Thieme Verlag Poster Award, for poster presentation at "23th  
Colloquium on Heterocyclic Chemistry", Antwerpen, Belgium

## SUPERVISION OF STUDENTS

2012 Ana Rimac, master thesis

## WORKING SKILLS

Multi-step synthesis and purifications of organic compounds (chromatography, recrystallization, distillation, etc.); Characterization of compounds using analytic (HPLC and GC both on chiral and achiral stationary phases) and spectroscopic methods (1D and 2D NMR, FT-IR, mass spectroscopy, CD spectroscopy, etc.); Enantioselective synthesis; Enantioselective catalysis.

## RESEARCH OUTPUT

16 CC publications, *h*-index 8  
List of publications: <http://bib.irb.hr/lista-radova?autor=290640>