

PhD and Post-Doc positions in Organic Chemistry in Bunescu Lab

We are interested in hiring an outstanding and highly motivated PhD student and Post-Doc associate in organic chemistry in the research group of Dr. Ala Bunescu (<https://www.bunescu.de/>) at Kekulé-Institute, University of Bonn, Germany (https://www.chemie.uni-bonn.de/oc?set_language=en). The positions are funded by European Research Council ERC StG 2021.

Description of the research program: Our research group's goal is to develop novel catalytic strategies to access organic molecules with lower ecological and economic impacts. The project will be on non-directed C-H functionalization with earth-abundant transition metals.

Relevant skills of the applicant:

- MSc (or equivalents) or PhD degree in chemistry
- Strong theoretical and practical background in organic chemistry and experience in analytical techniques (NMR, MS, GC, HPLC etc.)
- Strong interested and experience in transition metal catalysis
- Good level of oral and written English
- Predisposition to work in collaborative settings

Expected training: The successful applicant will receive state-of-the-art training in organometallic chemistry, catalysis, synthetic organic chemistry, ligand design, methodology development, mechanistic investigations.

Application process: Please email your application as single PDF to ala.bunescu@uni-bonn.de before June 15th, 2022. The expecting starting date is the October 1st, 2022, or earlier upon arrangement. The application should contain the following elements:

- Cover Letter
- Curriculum Vitae
- The contact details for two referees
- 2-3 pages' summary of your Master or PhD thesis
- Transcript of grades (for PhD applicants only)