

LIVSHITS DARIA



CONTACT

📍 Israel, Holon
📞 +972 552576023
✉️ darlivshits@gmail.com
🎂 19.08.1998

SUMMARY

Detail-oriented chemist with 4+ years of experience in organic synthesis.

Hard skills: purification and preparation of organic compounds, working in air-free conditions, isolation and analysis by NMR (1D- and 2D-), IR, UV-spectroscopy and mass-spectrometry.

A little experienced in scientific glassblowing.

Soft skills: responsible, hard-working, communicate, quick learner and speaking in public.

A PhD student at Bar-Ilan University.

EXPERIENCE

2019-10-
2021-10

Laboratory assistant

Department of Organic Chemistry Lobachevsky State University of Nizhny Novgorod

Key qualifications and responsibilities

Synthesis of heterocyclic allocolchicinoids on large and small scales using air-free techniques
Performed routine synthesis and analysis using NMR, IR and mass-spectrometry
Operated & maintained rotovaps, vacuum pump, sonicators and infusion pump Documents laboratory activity

Key achievement

Participation in science conferences and competition and published article

2021-10-
2022-12

Research Intern

G.A. Razuvaev Institute of Organometallic Chemistry of Russian Academy of Sciences

Key qualifications and responsibilities

Synthesis of new organic ligands for metallocomplexes
Working knowledge of chemical synthesis of quinones and their analysis
Operated vacuum system and other equipment
Kept up to date on relevant science

Conducted seminars and laboratory work on organic chemistry for medical students

Key achievement

Set up 3 organic synthesis experiments and improved 2 syntheses

Took part in organization of the scientific conference "Cluster-2022"

2023-11-
2024-02



MASA fellow

The Chemistry Department Bar-Ilan University

EDUCATION

**Lobachevsky State University
of Nizhny Novgorod**

2016-09-
2021-08



Specialist Degree
GPA: 95

**Lobachevsky State University
of Nizhny Novgorod**

2021-10-
2022-12



PhD student

Bar-Ilan University

2024-05-
now



PhD student

AWARDS

HUAWEI & UNN JOINT CULTIVATION PROGRAM (2020/2021)

LANGUAGES

Russian – mother tongue

English – intermediate

Hebrew – elementary

PUBLICATIONS

1. European Journal of Medicinal Chemistry, 207, 2020, 112724,

<https://doi.org/10.1016/j.ejmech.2020.112724>

2. XII International Conference on Chemistry for Young Scientists "Mendeleev 2021" - Book of Abstracts (St Petersburg, September 06-10, 2021). – St Petersburg, 2021. - P.570 (ISBN 978-5-9651- 1364-4).