

CURRICULUM VITAE

Dr. Valery N. Kozhevnikov

Work Address: Urals State Technical University,
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Citizenship: Russian Federation

Marital status: married

Education: 4/97-6/00: **Ph.D.:** *Urals State Technical University*,
Advisor: Prof. Oleg N. Chupakhin

8/94–4/97: **Diploma-Engineer:** *Urals State Technical University*
Advisor: Prof. Vladimir L. Rusinov

Interests: Heterocyclic chemistry, polypyridines, metalocomplexes,
supramolecular chemistry

Research Experience: 6/2003 - present: **Docent:** *Department of Organic Chemistry, Urals State Technical University*. Lanthanide Luminescent Molecular Devices

3/2002 - 6/2003: **Postdoctoral research:** *Institut fuer Organische Chemie, Universitaet Regensburg*, Design, Synthesis and Property Investigation of New Luminescent Molecular Chemosensors. Advisor: Prof. Burkhard Koenig.

7/2000-11/2000. **Research Fellowship:** *Institut für Organische Chemie, Technische Universitaet Darmstadt*. 1,2,4-triazines as a ligands for supramolecular chemistry. Advisor: Prof. Hans Neunhoeffer

4/1997-6/2000: **Ph.D. research:** *Department of Organic Chemistry, Urals State Technical University*, Direct amination and accompanying transformations in 1,2,4-triazine-4-oxides. Advisor: Prof. Oleg N. Chupakhin.

8/1995 – 4/1997: **Undergraduate Research:** *Department of Organic Chemistry, Urals State Technical University*, Advisor: The new method for synthesis of 1,2,4-triazine-4-oxides. Advisor: Vladimir L. Rusinov.

Teaching Experience: 2003-present: **Lecturer:** *Organic Chemistry*
1998 – 2002: **Lab instructor:** *Organic Chemistry Lab*.

Publications:

Synthesis of functionalized fluorescent europium(III) terpyridyl chelates. Kozhevnikov, V.N.; Kozhevnikov, D.N.; T.V.; Rusinov, V.L.; Chupakhin, O.N.; Zabel, M.; Koenig, B. **Synthesis** (2003), (15), 2400-2404

A Versatile Strategy for the Synthesis of Functionalized 2,2'-Bi- and 2,2':6',2''-Terpyridines via Their 1,2,4-Triazine Analogues. Kozhevnikov, V.N.; Kozhevnikov, D.N.; Nikitina, T.V.; Rusinov, V.L.; Chupakhin, O.N.; Zabel, M.; Koenig, B. **Journal of Organic Chemistry** (2003), 68(7), 2882-2888.

A new route to 6,6''-dicyano-2,2':6',2''-terpyridines and their complexes with Ni(II). Kozhevnikov, D.N.; Kozhevnikov, V.N.; Nikitina, T.V.; Rusinov, V.L.; Chupakhin, O.N.; Eremenko, I.L.; Aleksandrov, G.G.. **Tetrahedron Letters** (2002), 43(28), 4923-4925.

Synthesis of functionalized bipyridines by sequential nucleophilic substitution of hydrogen and cycloaddition in 1,2,4-triazine rings. Kozhevnikov, D.N.; Kozhevnikov, V.N.; Nikitina, T.V.; Rusinov, V.L.; Chupakhin, O. N.; Neunhoeffer, H. **Mendeleev Communications** (2002), (1), 30-32.

¹H- and ¹³C-NMR investigations on □-adduct formation of 1,2,4-triazine 4-oxides and 3-chloro-6-phenyl-1,2,4-triazine with liquid ammonia and alkylamines. Rykowski, A.; Chupakhin, O.N.; Kozhevnikov, D.N.; Kozhevnikov, V.N.; Rusinov, V.L.; Van der Plas, H.C. **Heterocycles** (2001), 55(1), 127-133

Nucleophilic substitution of hydrogen in the reaction of 1,2,4-triazine-4-oxides with cyanamide. Kozhevnikov, V.N., Prokhorov, A.M., Kozhevnikov, D.N., Rusinov, V.L., Chupakhin, O.N., **Russian Chemical Bulletin**, (2000), (49), (6), 1122-1124 (translated from Izvestiya Akademii Nauk. Seriya Khimicheskaya, No6, pp. 1128-1130, June, 2000)

Reaction of tele-substitution in 3-trichloromethyl-1,2,4-triazines. Kozhevnikov, D.N., Kozhevnikov, V.N., Rusinov, V.L., Chupakhin, O.N., *Khimiya geterotsylicheskikh soedinenii* (**Chemistry of heterocyclic compounds**), (1999), (11), 1574.

[1,5]Sigmatropic shift of hydrogen in amination of 3-pyrrolidino-1,2,4-triazine 4-oxide. Chupakhin, O.N.; Kozhevnikov, V.N.; Kozhevnikov, D.N.; Rusinov, V.L. **Tetrahedron Letters** (1999), 40(33), 6099-6100.

Ring-chain transformations in the field of 3,4-dihydro-4-hydroxy-1,2,4-triazines and new method for synthesis of 1,2,4-triazine-4-oxides. Kozhevnikov, D.N., Kozhevnikov, V.N., Rusinov, V.L., Chupakhin, O.N., Sidorov, E.O., Klyuev, N.A. **Russian Journal of Organic Chemistry** (1998), (34), 423-428.

Regiospecifity of amination of 1,2,4-triazines-4-oxides. Chupakhin, O.N., Kozhevnikov, V.N., Kozhevnikov, D.N., Rusinov, V.L. **Russian Journal of Organic Chemistry**, (1998), (34), 418-422

ANRORC-transformation in reaction of 6-aryl-3-dimethylamino-1,2,4-triazines-4-oxides with KCN. Kozhevnikov, V.N., Kozhevnikov, D.N., Rusinov, V.L., Chupakhin, O.N., *Khimiya geterotsylicheskikh soedinenii* (**Chemistry of heterocyclic compounds**), (1999), (4), 532-535

A general method for the synthesis of 1,2,4-triazine 4-oxides. Kozhevnikov, D.N.; Kozhevnikov, V.N.; Rusinov, V.L.; Chupakhin, O.N. **Mendeleev Communications** (1997), (6), 238-239

International conferences:

Kozhevnikov V.N., Kozhevnikov D.N., B. Koenig. Synthesis of functionalized 2,2'-bi and 2,2':6',2''-terpyridines via their 1,2,4-triazine analogs (2003): DD5: Ligand design for functional complexes, The Netherlands, 10-12 April 2003, P26.

Kozhevnikov V.N., Kozhevnikov D.N., B. Koenig. New route to functionalized oligopyridines (2002): Abstract of the poster at EURESCO conference "Supramolecular Chemistry" San Feliu de Guixols, Spain, 14 - 19 September 2002, p. 103.

Chupakhin, O.N., Rusinov, V.L., Kozhevnikov, V.N., Kozhevnikov, D.N. (1998): A new point of view on amination of 1,2,4-triazine 4-oxides. 12th International Conference on Organic Synthesis, book of abstracts, Venezia, Italy, June 28 - July 2, 1998, p.420.

Rusinov, V.L., Kozhevnikov, D.N., Kozhevnikov, V.N., Sidorov, E.O., Chupakhin, O.N. (1997): Ring-chain tautomerism in the series of 3,4-dihydro-4-hydroxy-1,2,4-triazines. The Sixteenth International Congress of Heterocyclic Chemistry, Book of abstracts, Bozeman, USA, August, 1997, p. 197.

Skills:

Organic Chemistry: 6 years of experience in synthesis and characterization of small organic molecules.

Spectroscopic Techniques: UV-Vis, IR, NMR, MS.

Computers: Good knowledge of Windows; ISIS base, ISIS draw, Win NMR.

Languages: English (good), German (basic), Russian (native).

Awards and Honors

2002	Postdoctoral fellowship from Alexander von Humboldt Foundation (Germany)
2000	Research Fellowship from DAAD (Germany)
2000	ISSEP (Soros Educational Programm)
1999	Scholarship of the President of Russian Federation

References:

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