Curriculum Vitae

Personal data:

Name: Andrey Chernyadev
Date of birth: 26 June 1977
Affiliation: Hebrew University of Jerusalem,
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Studies:

1994-1999: student at Lomonosov Moscow State University (Russian Federation), Chemistry Department

1999-2002: PhD student at Lomonosov Moscow State University (Russian Federation), Chemistry Department, Organic chemistry division, NMR laboratory under the guidance of professor Yu.A. Ustynyuk and professor I.L. Eremenko(Institute of General and Inorganic Chemistry,RAS)
PhD Thesis: "Complexes of transition metals with macrocyclic Schiff bases starting from pyrrole-2,5-dicarboxaldehyde".

2002- senior researcher at Frumkin Institute of Physical Chemistry and Electrochemistry, RAS

Publications:

1. A.Yu.Chernyad'ev, Yu.A.Ustynyuk, G.G.Aleksandrov, I.L.Eremenko, and I.I.Moiseev. Formation of a tetranuclear nickel(II) complex containing an unusual bridging ligand. *Russian Chemical Bulletin. International Edition, Vol.* 50*, No.7,* 2001, pp.1336-1338.

2. A.Yu.Chernyadyev, Yu.A.Ustynyuk, M.D. Reshetova, G.G.Aleksandrov, V.M.Novotortsev, I.L.Eremenko, I.I.Moiseev. Binuclear and polynuclear complexes of transition metals with macrocyclic ligands.Part 1.New binuclear antiferromagnetic complex of nickel in the reaction of pyrrole-2,5-dicarboxaldehyde and diaminobenzene. *Russian Chemical Bulletin. International Edition, Vol.* 50, *No.12,* 2001, pp.2334-2339.

3. A. Yu. Chernyadyev, Yu. A. Ustynyuk, G. G. Aleksandrov, I. L. Eremenko and I. I. Moiseev. The reactions of pyrrole-2,5-dicarboxaldehyde with 2-aminodiphenylamine in the presence of nickel(II) and cobalt(II) trimethylacetate. *Russian Chemical Bulletin. International Edition,Vol.* 51, 2002, *No.8,* pp.1454-1460.

4. A.A. Sidorov, G.G. Aleksandrov, E.V. Pakhmutova, A. Yu. Chernyad'ev, I.L. Eremenko, and I.I. Moiseev. Dinuclear rhodium(II) pivalate complexes with N-donor ligands. *Russian Chemical Bulletin. International Edition,Vol.* 54, 2005, *No.3,* pp.588-599.

5. A. Yu. Chernyadyev, N. M. Logacheva, and A. Yu. Tsivadze. Synthesis and Structure of Platinum(II) and Palladium(II) *meso*-Tetra(benzo-15-crown-5)porphyrinates as Probed by UV Spectroscopy and NMR. *Russian Journal of Inorganic Chemistry, Vol. 50, No. 4, 2005, pp. 552–556.*

6. A. Yu. Chernyadyev, N. M. Logacheva, and A. Yu. Tsivadze. Platinum(IV) and Palladium(IV) Dichloro*meso*-tetra(benzo-15-crown-5)porphyrinates: Synthesis, Structure, and Spectral Properties. *Russian Journal of Inorganic Chemistry, Vol. 50, No. 12, 2005, pp. 1921–1924.*

7. Fridman, A.Ya; Tsivadze, A.Yu.; Sokolova, N.P.; Bardyshev, I.I.; Gorbunov, A. M.,Gagina, I. A.; Chernyadyev, A. Yu. Transformation of surface of polyvinyl chloride plates into ethanolamine and amino acid films. *Material Sciences Transactions, Vol. 96, No. 3, 2005, pp. 19–23.*

8. A. Yu. Chernyadyev, N. M. Logacheva, and A. Yu. Tsivadze. Cation-induced dimerization of Nickel(II), Palladium(II) and Platinum(II) *meso*-Tetra(benzo-15-crown-5)porphyrinates. *Russian Journal of Inorganic Chemistry, Vol. 51, No. 5, 2006, pp. 720-723.*

9. V.A. Kolesnikov, M.G. Teodoradze, A.Yu. Chernyadyev, A.V. Vannikov, A.Yu. Tsivadze. Photovoltaic transformers based on Palladium(II) *meso*-Tetra(benzo-15-crown-5)porphyrinate. *High Energy Chemistry, Vol. 41, 2007, in press.*

10. V.A. Knizhnikov, N.E. Borisova, N.Ya. Yurashevich, L.A. Popova, A. Yu. Chernyadyev, Z.P. Zubreichuk, M.D. Reshetova. Pincers type ligands based on α-aminoacids. Report 1. Synthesis of polydentate ligands starting from pyrrole-2,5- dicarboxaldehyde. *Russian Journal of Organic Chemistry.Vol.43, 2007, in press.*