

CURRICULUM VITAE



PERSONAL INFORMATION

Name	Luminita Silaghi-Dumitrescu
Address	11, Arany Janos, 400028 Cluj-Napoca
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Nationality	Romanian
Date of birth	09.03.1951

PROFESSIONAL EXPERIENCE

- Date January 2008- March 2012
• Name and title of the institution "Babes-Bolyai" University of Cluj-Napoca, Romania
Vice-Rector
- Date 2000 – 2007
• Name and title of the institution "Babes-Bolyai" University of Cluj-Napoca, Romania
The Faculty of Chemistry and Chemical Engineering
Dean
- Date 2002-
• Name and title of the institution "Babes-Bolyai" University of Cluj-Napoca, Romania
The Faculty of Chemistry and Chemical Engineering
Scientific supervision of PhD students
- Date February 1999-
• Name and title of the institution "Babes-Bolyai" University of Cluj-Napoca, Romania
The Faculty of Chemistry and Chemical Engineering
Professor
- Date March 1994-1999
• Name and title of the institution "Babes-Bolyai" University of Cluj-Napoca, Romania
The Faculty of Chemistry and Chemical Engineering
Assoc. Professor
- Date October 1986-1994
• Name and title of the institution "Babes-Bolyai" University of Cluj-Napoca, Romania
The Faculty of Chemistry and Chemical Engineering
Lecturer
- Date February 1978-1986
• Name and title of the institution Institute for Research in Chemistry Cluj-Napoca, Romania
Scientific researcher in chemistry (synthesis and structural characterization of organometallic derivatives)
- Date November 1978-1979
• Name and title of the institution "Babes-Bolyai" University of Cluj-Napoca, Romania
The Faculty of Chemistry and Chemical Engineering
Chemist (synthesis and structural characterization of organometallic derivatives)
- Date November 1975-1978
• Name and title of the institution Plant of silk, Cluj-Napoca, Romania
Chemist
- Date August 1975-October 1975

• Name and title of the institution	Plant of lorry, Brasov, Romania Chemist
Education and Training	
• Date	1975-1983
• Name and title of the institution	"Babes-Bolyai" University of Cluj-Napoca, Romania The Faculty of Chemistry and Chemical Engineering
• Specialization	Doctor in chemistry PhD thesis: "DIORGANODITIOARSINAȚI METALICI ȘI ORGANOMETALICI" under Prof. Dr. Ionel Haiduc (scientific supervision)
• Date	1974-1975
• Name and title of the institution	"Babes-Bolyai" University of Cluj-Napoca, Romania The Faculty of Chemistry and Chemical Engineering
• Specialization	Master of science in chemistry
• Date	1970-1974
• Name and title of the institution	"Babes-Bolyai" University of Cluj-Napoca, Romania The Faculty of Chemistry and Chemical Engineering
• Specialization	Chemist
SKILLS AND ABILITIES	
• Mother tongue	Romanian
• Foreign languages	English – advanced level French – advanced level Spanish – medium level
Research interests	<ul style="list-style-type: none"> • Organometallic chemistry (13, 14, 15 Groups of elements and transitional metals) - synthesis and structural characterization • Chemistry of the coordinative compounds synthesis and structural characterization • Organometallic reagents in the organic synthesis (lithium-, magnesium-, titanium- and boron-derivatives) • Synthesis of new organometallic compounds, precursors for semiconductors • Synthesis of building blocks for smart polymers (heteroalchene, heteroallenes of heavier Group 14 and 15 elements)
Awards and distinctions	Prize "Costin D. Nenitzescu", Romanian Academy, 1997 Prize "Nenitzescu-Criegiee" German Society of Chemistry and Romanian Academy, 2011
• Social skills	Communication skills – constant contact with people from different environments, conflict management,
• Technical skills	Computer skills
• Additional information	Ability to teach and supervise research activities
Grants and projects (2006-2014)	Metal derivatives with biomedical applications – METALLOMICS (2010-2013) Microwave assisted organic and organometallic synthesis - Green Chemistry – MESINEP – (IDEI) Organometallic reagents and intermediates In stereocontrolled synthesis of relevant biologic compounds– RIOSIN – CEEEX Infrastructure for Applied Organometallic Chemistry Laboratory – ELACOM – CAPACITATI Group 13/14/15 organometallic precursors for hybrid electronic devices semiconductor/gold/organic molecules– CNCSIS
	TEMPUS Project "Reforms and Upgrade Chemistry Undergraduate Studies in Macedonia" (2008-2009)– Romanian co-coordinator DAAD programme, Stability Pact - "Academic Reconstruction of South Eastern Europe" "International Master and Postgraduate Programme in Materials Science and Catalysis", Romanian co-coordinator (2006-2012)

MC and WG member COST Action CM 802 - European Phosphorus Sciences Network (PhoSciNet) (2009-2012)

MC and WG member COST Action CM 1302 – Smart Inorganic Polymers (SIPs) (2013-2017)

Grant **EC COST** (individual) (1993 - 1994), Universitatea Paul Sabatier Toulouse, France

Grant **Royal Society of Chemistry** (1998)

Chemistry Department, Oxford University (Anglia)

Chemistry Department, Bath University (Anglia)

Chemistry Department, Nottingham University (Anglia)

Relevant publications
(from over 140)

1. Transition Metal Complexes of Organothiophosphorus Ligands. III. Six-Coordinate Adducts of Nickel(II)bis(diphenylphosphorodithioate) with Aromatic and Heterocyclic Diamines, R. Micu-Semeniuc, L. Silaghi-Dumitrescu, I. Haiduc, *Inorg. Chim. Acta*, **1976**, 17, 5-11
2. Transition Metal Complexes of Organothiophosphorus Ligands. V. Some Aryl Esters and Amides of Dithiophosphoric Acid and their Ni(II) and Co(II) and (III) Complexes, R. Micu-Semeniuc, L. Silaghi-Dumitrescu, I. Haiduc, *Inorg. Chim. Acta*, **1979**, 33, 281-285
3. Convenient Preparation of Phenylarsenic(III)chloride from Tetraphenyltin and Arsenic(III)chloride, L. Silaghi-Dumitrescu, I. Haiduc, *Synth. React. Inorg. Met.-Org. Chem.*, **1983**, 13, 475-480
4. Organotin and Tin(IV) Derivatives of Dimethyldithioarsinic Acid, I.Haiduc, L. Silaghi-Dumitrescu, *J. Organomet. Chem.*, **1982**, 225, 225-232
5. Organo-silicon, -germanium and -lead Derivatives of Dimethyl- and Diphenyl-Dithioarsinic Acids, L. Silaghi-Dumitrescu, I. Haiduc, *J. Organomet. Chem.*, **1983**, 259, 65-69.
6. A Sulfotropic Molecular Rearrangement of Diphenylphosphinyl Diorganodithioarsinates. Formation of Diorganoarsenic(III)Diphenyldithiophosphinates, L. Silaghi-Dumitrescu, I. Haiduc, *J. Organomet. Chem.*, **1984**, 252, 295-299
7. Preparation and Properties of Some Organotin Dimethyl- and Diphenyl-Dithioarsinates. The Crystal Structure of $\text{Me}_2\text{Sn}[\text{S}_2\text{AsMe}_2]_2$, L. Silaghi-Dumitrescu I. Haiduc, J. Weiss, *J. Organomet. Chem.*, **1984**, 263, 159-165
8. Synthesis of Diphenylantimony(III) Dialkyldithio- and Diaryldithio- phosphinates and -arsinates; Crystal Structures of $\text{Ph}_2\text{SbS}_2\text{MPh}_2$ (M = P or As), C. Silvestru, L. Silaghi-Dumitrescu, I. Haiduc, M.J. Begley, M. Nunn, D.B. Sowerby, *J. Chem. Soc., Dalton Trans.*, **1986**, 1031-1034
9. Antimony(III) and Phenylantimonmy(III) dimethyldithioarsinates: Synthesis and Mass spectral Study. Crystal Structure of $\text{Ph}_2\text{SbS}_2\text{AsMe}_2$, the first coordination polymer associated via bridging dimethyldithioarsinate ligands, D.B. Sowerby, M.J. Begley, L. Silaghi-Dumitrescu, I. Silaghi-Dumitrescu, I. Haiduc, *J. Organomet. Chem.*, **1994**, 469, 45-53
10. Oxidation of $(\text{AsPh}_2)_2\text{E}$ (E = O, S). Supramolecular Hydrogen-Bonded Self-Assembly of an Unusual Tetranuclear Adduct; X-Ray Crystal Structure of $[\text{Ph}_2\text{As}(\text{O})\text{OH}\cdot\text{Ph}_2\text{As}(\text{S})\text{SH}]_2$. L. Silaghi-Dumitrescu, I. Silaghi-Dumitrescu, M.N. Gibbons, J. Zuckerman-Schpector, I. Haiduc, D.B. Sowerby, *J. Organomet. Chem.*, **1996**, 517, 101-106
11. The First Example of an Oxygen Bridged Diorganoarsenic(V) Compound. Crystal and Molecular structure of $\text{Me}_2\text{As}(\text{S})\text{OAs}(\text{S})\text{Me}_2$, L. Silaghi-Dumitrescu, S. Pascu, I. Silaghi-Dumitrescu, I. Haiduc, M.N. Gibbons, D.B. Sowerby, *J. Organomet. Chem.*, **1997**, 549(1-2), 187-192
12. On The Structure of Bis(9-Fluorenyl)Dimethylsilane: A Sterically Crowded Molecule with Relatively Low Barriers of Rotations around the Si-C(fluorenyl) Bonds. X-Ray Diffraction Analysis and AM1 Molecular Orbital Calculations. L. Silaghi-Dumitrescu, I. Haiduc, R. Cea-Olivares, I. Silaghi-Dumitrescu, J. Escudie, C. Couret, *J. Organomet. Chem.*, **1997**, 545-546, 1-8
13. Comparative PM3-MO Study of the E_2O_2 and E_2N_2 (E = P,As) Four Membered Ring Systems, I. Silaghi-Dumitrescu, A. Horea, S. Pascu, L. Silaghi-Dumitrescu, I. Haiduc, *Phosphorus and Sulfur*, **1997**, 124-125, 441-444
14. Investigations in Organoarsenic Chemistry. In Vol. "Arsenic and Old Mustard: Chemical Problems in the Destruction of Old Arsenicals and "Mustard" Munitions, I. Haiduc, L. Silaghi-Dumitrescu, Editat de J.F. Bunnett and M. Mikolajczyk, NATO ASI Series, vol.19, p.149-150, Ed. Kluwer Academic Publishers, London, **1998**
15. Coordination and self-assembly in the crystal structure of $\text{KS}_2\text{AsMe}_2\cdot 2\text{H}_2\text{O}$, S. Pascu, L. Silaghi-Dumitrescu, A.J. Blake, I. Haiduc, D.B. Sowerby, *Polyhedron*, **1998**, 17, 4115-4119
16. Is the Trigonal Distortion the answer for the Geometry of In(III) four membered Dithiochelate Compounds? The Crystal and Molecular Structure of $\text{In}(\text{S}_2\text{AsR}_2)_3$ (R = Me, Ph), L. Silaghi-Dumitrescu, I. Haiduc, A. Toscano, R. Cea Olivares, *Z. Anorg. Allgem. Chem.*, **1999**, 625(2), 347-351
17. Group 6 transition metal carbonyl complexes with chalcogen-bridged diarsenic(III) ligands,

- L.H. Doerrer, J.C. Green, M.L.H. Green, I. Haiduc, C.N. Jardine, S.I. Pascu, L. Silaghi-Dumitrescu, D.J. Watkin, *J.Chem.Soc., Dalton Trans.*, **2000**, 3347-3355
18. Bromination of (AsPh₂)₂O: the structure of diphenylarsenic(V) tribromide. L. Silaghi-Dumitrescu, I. Silaghi-Dumitrescu, R. Silaghi-Dumitrescu, I. Haiduc, A.J. Blake, D.B.Sowerby, *Rev. Soc. Quim. Mexico*, **2000**, *44*, 134-138
 19. Tin(IV) halide complexes of AsPh₃: The structures of *trans*-SnCl₄(AsPh₃)₂ and SnBr₄(AsPh₃)·AsPh₃, M.F. Mahon, N.L. Moldovan, K.C. Molloy, A. Muresan, I. Silaghi-Dumitrescu, L. Silaghi-Dumitrescu, *J. Chem. Soc., Dalton Trans.*, **2004**, 4017-4021
 20. The first evidence for a transient stibaallene ArSbCCR₂, L. Baiget, H. Ranaivonjatovo, J. Escudie, G. Cretiu Nemes, I. Silaghi-Dumitrescu, L. Silaghi-Dumitrescu, *J. Organomet. Chem.*, **2005**, *690(2)*, 307-312
 21. A Surprisingly Stable 1-(Chlorosilyl)-2-phosphaethenylthium Compound, RCl₂SiC(Li)=Pmes*, G. Cretiu Nemes, H. Ranaivonjatovo, J. Escudie, I. Silaghi-Dumitrescu, L. Silaghi-Dumitrescu, H. Gornitzka, *Eur. J. Inorg. Chem.*, **2005**, 1109-1113
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 23. Co-complexes of *ortho*-dilithiated thiophenol or 2-trimethylsilylthiophenol with lithiated TMEDA molecules: synthesis, crystal structures and theoretical studies (TMEDA = *N,N,N',N'*-tetramethylethylenediamine), A. Hildebrand, P. Lönnecke, L. Silaghi-Dumitrescu, I. Silaghi-Dumitrescu, E. Hey-Hawkins, *Dalton Trans.*, **2006**, (7), 967-974
 24. Phosphavinylidene(oxo)phosphorane Mes*P(O)=C=PMe^{*}: A Diphosphaalene Featuring λ⁵σ³- and λ³σ²- Phosphorus Atoms, R. Septelean, H. Ranaivonjatovo, G. Nemes, J. Escudie, I. Silaghi-Dumitrescu, H. Gornitzka, L. Silaghi-Dumitrescu, S. Massou, *Eur. J. Inorg. Chem.*, **2006**, 4237-4241
 25. New Digermylalkenes and Digermylalkynes: [1,3]-Chlorine Shifts in Organogermanium Chemistry? G. Nemes, J. Escudié, I. Silaghi-Dumitrescu, H. Ranaivonjatovo, L. Silaghi-Dumitrescu, H. Gornitzka, *Organometallics*, **2007**, *26(21)*, 5136-5139
 26. Synthesis and characterization of the first arsanylbis(methylene)phosphorane (Me₃Si)₂C:P(Mes*)C(Cl)As(F)Mes*, P.M. Petrar, G. Nemes, L. Silaghi-Dumitrescu, I. Silaghi-Dumitrescu, J. Escudie, H. Gornitzka, H. Ranaivonjatovo, *Rev. Roum. Chim.*, **2007**, *52(1-2)*, 45-49
 27. Palladium(II) and Platinum(II) Complexes with Heteroditopic 10-(Aryl)phenoxarsine (Aryl = 2-C₆H₄OR, R = H, Me, Pri) Ligands: Solvent-Oriented Crystallization of *cis* Isomers, N. Moldovan, P. Loennecke, I. Silaghi-Dumitrescu, L. Silaghi-Dumitrescu, E. Hey-Hawkins, *Inorg. Chem.*, **2008**, *47(5)*, 1524-1531
 28. Silatropic migration in (1-trimethylsilylindenyl)(indenyl)dimethylsilane, bis(1-trimethylsilylindenyl)dimethylsilane and related compounds, G. Nemes, L. Silaghi-Dumitrescu, I. Silaghi-Dumitrescu, J. Escudie, Jean; H. Ranaivonjatovo, J. Zukerman-Schpector, *Rev. Roum. Chim.*, **2007**, *52(8-9)*, 809-816
 29. Tungsten phosphanylarylthiolato complexes [W{PhP(2-SC₆H₄)₂-κ³S,S',P}2] and [W{P(2-SC₆H₄)₃-κ⁴S,S',S'',P}2]: Synthesis, structures and redox chemistry, A. Hildebrand, P. Loennecke, L. Silaghi-Dumitrescu, E. Hey-Hawkins, *Dalton Trans.*, **2008**, (34), 4639-4646
 30. Meso-tetraferrocenyl-tetramethylcalix[4]pyrrole-modified graphite electrode with anion recognition properties, V. Coman, L.M. Muresan, S. Lozovanu, L. Silaghi-Dumitrescu, I.C. Popescu, *Rev. Roum.Chim.*, **2008**, *53(2)*, 119-125
 31. When Arsine Makes the Difference: Chelating Phosphino and Bridging Arsinoarylthiolato Gallium Complexes, A.M. Valean, S. Gomez-Ruiz, P. Loennecke, I. Silaghi-Dumitrescu, L. Silaghi-Dumitrescu, E. Hey-Hawkins, *Inorg. Chem.*, **2008**, *47(23)*, 11284-11293
 32. The CellScan technology for in vitro studies on novel platinum complexes with organoarsenic ligands, E. Fischer-Fodor, N. Moldovan, P. Virag, O. Soritau, I. Brie, P. Loennecke, E. Hey-Hawkins, L. Silaghi-Dumitrescu, *Dalton Trans.*, **2008**, (45), 6393-6400
 33. *vic*-Dichlorodiphosphapropenes - synthesis and coordination ability, R. Septelean, G. Nemes, J. Escudie, I. Silaghi-Dumitrescu, H. Ranaivonjatovo, P.M. Petrar, H. Gornitzka, L. Silaghi-Dumitrescu, N. Saffon, *Eur. J. Inorg. Chem.*, **2009**, (5), 628-634
 34. *N,N'* and *N,O* chelated phosphonium cations containing aminotroponimate or aminotroponate units, L.C. Pop, N. Katir, A. Castel, L. Silaghi-Dumitrescu, F. Delpech, I. Silaghi-Dumitrescu, H. Gornitzka, D. MacLeod-Carey, N. Saffon, *J. Organomet. Chem.*, **2009**, *694(9-10)*, 1562-1566
 35. Stabilisation of an inorganic digallane by the phosphinobisthiolato P,S,S pincer ligand PPh(2-SC₆H₄)₂, A.M. Valean, S. Gomez-Ruiz, P. Loennecke, I. Silaghi-Dumitrescu, L. Silaghi-Dumitrescu, E. Hey-Hawkins, *New J. Chem.*, **2009**, *33(8)*, 1771-1779
 36. Antiproliferative effect and genotoxicity of novel synthesized palladium complexes with organoarsenic ligands, N. Miklasova, E. Fischer-Fodor, P. Loennecke, M. Schrepler, P.

- Virag, C. Tatomir, V.I. Cernea, E. Hey-Hawkins, L. Silaghi-Dumitrescu, *J. Inorg. Biochem.*, **2009**, 103(12), 1739-1747
37. On the microwave-assisted synthesis of acylphenothiazine derivatives - Experiment versus theory synergism, L. Gaina, D. Porumb, I. Silaghi-Dumitrescu, C. Cristea, L. Silaghi-Dumitrescu, *Can. J. Chem.*, **2010**, 88(1), 42-49
 38. Iodine-catalyzed stepwise [4+2] cycloaddition of phenothiazine- and ferrocene-containing Schiff bases with DHP promoted by microwave irradiation, E. Gal, C. Cristea L. Silaghi-Dumitrescu, T. Lovasz, A. Csampai, *Tetrahedron*, **2010**, 66(52), 9938-9944
 39. Relativistic calculations of aminotroponimate complexes containing group 15 (P, As, Sb, Bi) elements, L.C. Pop, D. Mac-Leod Carey, A. Munoz-Castro, L. Silaghi-Dumitrescu, A. Castel, R. Arratia-Perez, *Polyhedron*, **2011**, 30(5), 841-845
 40. Aminotroponimate and Aminotroponate Complexes of Group 15 (P, As) Elements: Synthesis, X-ray Diffraction Analysis and Reactivity, L.C. Pop, A. Castel, L. Silaghi-Dumitrescu, N. Saffon, *Eur. J. Inorg. Chem.*, **2011**, (22), 3357-3364
 41. Walking on the surface of phenothiazines: a combined experimental and theoretical approach, D. Porumb, T. Lovasz, G. Rachita, C. Cristea, L. Gaina, L. Silaghi-Dumitrescu, *Rev. Roum. Chim.*, **2010**, 55(11-12), 879-884
 42. Unsymmetrical dinuclear rhodium complexes with arsanyl- and phosphanylthiolato ligands [Rh(μ -S-2-EPh₂C₆H₄- κ 2S,E)2Rh(cod)] (E = As, P), A. Hildebrand, M.B. Sarosi, P. Lonnecke, L. Silaghi-Dumitrescu, E. Hey-Hawkins, *Rev. Roum. Chim.*, **2010**, 55(11-12), 885-896
 43. Exploring the structure of arsaallene ylides - a theoretical approach, P.M. Petrar, G. Nemes, R. Septelean, L. Silaghi-Dumitrescu, J. Escudie, *Rev. Roum. Chim.*, **2010**, 55(11-12), 1061-1072
 44. Coordination chemistry of the heterotopic 1,2-phenylenebis(thio)diacetic acid ligand: Rhodium(I), palladium(II) and nickel(II) complexes, C. Berghof, I.G. Grosu, P. Lonnecke, S. Gomez-Ruiz, L. Silaghi-Dumitrescu, E. Hey-Hawkins, *Inorg. Chim. Acta*, **2011**, 374(1), 127-133
 45. Designing bis(phosphaalkenyl)germylenes and their tungsten complexes - A theoretical study, T.G. Kocsor, P.M. Petrar, G. Nemes, A. Castel, J. Escudie, N. Deak, L. Silaghi-Dumitrescu, *Computational & Theoretical Chemistry*, **2011**, 974(1-3), 117-12
 46. Coordination Polymers of the Heterotopic 1,4-Phenylene-bis(oxy)diacetic Acid Ligand: Cadmium(II) Complexes, I.G. Grosu, P. Lonnecke, L. Silaghi-Dumitrescu, E. Hey-Hawkins, *Z. Anorg. Allgem. Chem.*, **2011**, 637(12), 1722-1727
 47. Heteropolytopic phosphanylthiolato ligands: formation of cis isomers of nickel(ii), palladium(ii) and platinum(ii) complexes with 1-P(Biph)-2-SHC₆H₄ (Biph = 1,1'-biphenyl-2,2'-diyl), A. Hildebrand, I. Sarosi, P. Lonnecke, L.Silaghi-Dumitrescu M.B. Sarosi, I. Silaghi-Dumitrescu, E. Hey-Hawkins, *Dalton Transactions* **2012**, 41(25), 7729-7736
 48. Reaction of a heterotopic P,SAs ligand with group 10 metal(II) complexes: As-S bond cleavage and the formation of two unusual trinuclear structural isomers for Pd and Pt, I. Sarosi, A. Hildebrand, P. Lonnecke, L.Silaghi-Dumitrescu E. Hey-Hawkins, *Dalton Transactions* **2012**, 41(17), 5326-5333
 49. Heteropolytopic Arsanylthiolato Ligands: Cis-Trans Isomerism of Nickel(II), Palladium(II), and Platinum(II) Complexes of 1-AsPh₂-2-SHC₆H₄, A. Hildebrand, I. Sarosi, P. Lonnecke, L.Silaghi-Dumitrescu M.B. Sarosi, I. Silaghi-Dumitrescu, E. Hey-Hawkins, *Inorg.Chem.*, **2012**, DOI:10.1021/ic300002p
 50. The neutral analogue of Roussin's red salt anion: a density functional study, M.B. Sarosi L.Silaghi-Dumitrescu R.B. King, *Phys. Chem. Chem. Phys.* **2012**, 14(17), 5998-6002
 51. Antiproliferative effect of novel platinum(II) and palladium(II) complexes on hepatic tumor stem cells in vitro, N. Miklasova, E. Fischer-Fodor, P. Lonnecke, C.I. Tomuleasa, P. Virag, M. Perde Schrepler, R. Miklas, , L.Silaghi-Dumitrescu, E. Hey-Hawkins, *Eur. J. Med. Chem.* **2012**, 49, 41-47
 52. Synthesis, structural investigations, and DFT calculations on novel 3-(1,3-dioxan-2-yl)-10-methyl-10H-phenothiazine derivatives with fluorescence properties, L. Gaina, E. Gal, L. Mataranga-Popa, D. Porumb, A. Nicolescu, C. Cristea L.Silaghi-Dumitrescu, *Tetrahedron* **2012**, 68(11), 2465-2470
 53. E. Gal, B. Brem, I. Pereteanu, L. Gaina, T. Lovasz, M. Perde-Schrepler, L. Silaghi-Dumitrescu, C. Cristea and L. Silaghi-Dumitrescu, Novel Meso-Phenothiazinyl-Porphyrin Dyes: Synthesis, Optical, Electrochemical Properties and PDT assay, *Dyes and Pigments* **2013**, 99, 144-153.
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 55. E. Fischer-Fodor, A-M. Vălean, P. Virag, P. Ilea, C. Tatomir, F. Imre-Lucaci, M. Perde

- Schrepler, L. T. Krausz, L. Barbu Tudoran, C.G. Precup, I. Lupan, E. Hey-Hawkins, L. Silaghi-Dumitrescu, Gallium phosphinoarylthiolato complexes counteract drug resistance of cancer cells, *Metallomics*, **2014**, 6, 833-844, DOI: 10.1039/C3MT00278K
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57. M Tertis, MihaelTertis, A Florea, B Feier, IO Marian, L Silaghi-Dumitrescu., Electrochemical Impedance Studies on Single and Multi-Walled Carbon Nanotubes-Polymer Nanocomposites for Biosensors Development, *J. Nanoscience and Nanotechnology*, **2015**, 15 (5), 3385-3393

