

ARBEZ-GINDRE Cécile

PhD/Senior Research scientist

Institute of Chemical Biology (ICB)

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http://www.eie.gr/nhrf/institutes/icb/research_groups/Arbez-GindreCecile_group_en.html

Education (Université Louis Pasteur, Strasbourg I, France)

1997: PhD in **Organic Chemistry/Medical Sciences**/supervision Prof. J.-P. Lepoittevin

1994: MSc. in **Molecular & Supramolecular Organic Chemistry**

1993: BSc. in **Biochemistry** with major courses of **Organic & Analytical Chemistry**

1991: Degree Sc. in **Biophysicochemistry**

Foreign Languages: French (native), English, Greek and Italian (fluently speaking)

Appointments (Academia-Industry)

Jan2017-present: **Senior Research Scientist** / ICB/NHRF

Sep2008-dec2016: **Special Technical Scientist**/ Institute of Chemical Biology, Medicinal Chemistry & Biotechnology / NHRF

Mar2003-Jul2008: **Research project leader** in diagnostic & clinical chemistry/R&D department/Research, design & development of reagents for automate analysers/MEDICON HELLAS A.E. Company, Gerakas, Greece.

Oct1997-Jul2001: **Post-doctoral researcher**/ Institute of Organic and Pharmaceutical Chemistry /NHRF

Fellowship and contract research

May2000-Jun2001 (13 months): Greek fellowship /ΠENEΔ Program (1999-99ΕΔ173) "Monomeric & polymeric chiral micelles as micro-reactors to produce technologically useful materials"

Oct1997-May2000: Training and Mobility Researcher fellowship from European program Delos (1196-2000)-Κωδικός-FMRX-CT96-0047 "Synthesis of novel dyes exhibiting NLO properties for development of materials for photonic applications by in situ generation of organometallic reagents" (30 months)

1-Hemi-synthesis & semi-preparative production of corticosteroids/ PHARMACIA, Denmark

2-Extraction of natural substances, purification, and enrichment of natural extract
Oct1994-May1997: Emeritus PhD fellow/French Ministry of Education & Research (30 months) on "Hemi-synthesis of ^{13}C -labeled corticosteroids as NMR tools for the investigation of hapten-protein interactions in Allergic Contact Dermatitis to topical corticosteroids."

Current Research Interests

Taking advantage of synthetic methodologies using either conventional or high energy technics such as microwaves or ultrasounds, my research interests are focused on the rational design and synthesis of biologically active compounds ranging from dendritic nanostructures to small molecules.

More specifically

In the context of dendrimer chemistry, a modular synthesis strategy based on rapid dendritic growth from TRIS polyvalent geometry (AB_3 monomer) and the microwave-assisted Huisgen azide-alkyne cycloaddition, allows for the synthesis of small biocompatible nanosized dendritic molecules with biomedical applications. Containing terminal glycerol or saccharide groups, the multivalent peripheral parts of the nanostructures are allowing multivalent H-bonding interactions with many biological target.

In this framework, small libraries of glycerol- or glyco- dendrons, spherical dendrimers, bow-tie or amphiphilic dendrimers, are leading to

-tools for investigation of carbohydrate-lectin interactions where lectins are specific sugar binding proteins prevalent in leaving organisms and involved in intracellular recognition events and in infections by viral, parasites and bacterial.

-components of chimeric targeted nano delivery systems using the self-assembly processes of mixed systems composed of amphiphilic dendrimers and lipid membrane (e.g. liposome, cubosome, polymersome)

-labeled tools of chimeric targeted nano delivery systems using the self-assembly processes of mixed systems composed of amphiphilic dendrimers and lipid membrane (e.g. liposome)

-fluorescent materials for encapsulation of natural compounds.

-bioactive molecules with neuroprotective properties coming from the hybridization of glycerol/glycodendrons with natural substances (e.g. anti-oxidant)

In the context of medicinal chemistry, the design and synthesis of potential non-steroidal selective agonists of the glucocorticoid receptor (GR) involved in inflammation such as iminobenzothiazolylthio-acetamide derivatives

Previously Developed Research Skills (Academia/Industry)

Dendrimer and hyperbranched polymer chemistry

Synthesis of polyhydroxy-polyester functionalized dendrimers containing aliphatic polyether polyester backbone for formulations of Liposomal-Locked in-Dendrimers.

Peripheral modifications of hyperbranched Bolton polymers (HBPs) for conjugation to anticancer drug as new polymer components for Advanced Drug Delivery Nano Systems
Spin labelling of HBPs with TEMPO derivatives as tools for the development of new polymer components for Advanced Drug Delivery Nano Systems

Corticosteroid synthesis: Hemi-synthesis of ¹³C-labeled corticosteroids as NMR tools for the investigation of hapten-protein interactions in Allergic Contact Dermatitis to topical corticosteroids.

Organometallic chemistry: *In situ* generation of organometallic reagents (Fe, Li, Na, Mg) for C-C and C-P, C-S- forming reaction & synthesis of stilbenyl dyes exhibiting nonlinear optical properties for development of materials for photonic applications.

Clinical and diagnostic chemistry: Research, design & development of clinical and biochemical diagnostic reagents for automate analysers.

Teaching, Guiding and Supervision Experiences (1997-to date)

In the industrial sector (Medicon Hellas A. E)

Training & support of

- production and QC chemists to new formulation products
- R&D researchers to norm ISO 9001/2000

In the academic sector

1996-date: Training & guiding of undergraduate students (6) and BSc. Student (1), supervision of MSc. students (2), research associate (1) and post-doctoral fellow's researchers (2).

Professional Affiliation

Member, Greek Chemical Association

Member, Greek Colloidal Researchers Association

Organizing/Management Committees

MC member CA17140 (2018-2023) Nano2Clinic <https://www.nano2clinic.eu/> "*Cancer nanomedicine—from the bench to bedside*" previously coordinated by Prof. B. KLAJNERT-MACULEWIC (University of Łódź, Poland) and actually coordinated by Prof. S. Pricl (University of Trieste, Italy) involving participants (business, clinical, institution) from 40 European & non-European countries

Co-organization of the annual scientific seminary of the ICMCB (Dec2017-April2019)

Co-organization of the annual scientific seminary of the ICB (Sept2021-present)

Programme participation

Developmental proposals of research institutions – KRIPIS "*Targeted therapeutic approaches against degenerative diseases, with emphasis on cancer and aging*" STHENOS (2015 – 2017)

Developmental proposals of research institutions – KRIPIS "*STHENOS-b: Targeted therapeutic approaches against degenerative diseases with special focus on cancer and ageing-optimisation of the targeted bioactive molecules*" (2017 – 2021)-22K€/participant

Former and Recent Collaborations

At NHRE: Dr. N Chronogianni (Molecular & Cellular Ageing laboratory, ICB), Dr. A Xenakis, Dr. M. Zoubanioti & Dr. V. Papadimitriou (Biomimetics & Nanobiotechnology laboratory, ICB), Dr. D. Mitsou (Molecular Endocrinology laboratory, ICB), Dr. S. Pispas & Dr. A. Papagianopoulos (Materials Synthesis and Physical Chemistry laboratory, Theoretical & Physical Chemistry Institute, TPCI)

At National level: Prof. K. DEMETZOS (Laboratory of Pharmaceutical Nanotechnology, Department of Pharmacy, School of Health Sciences, National and Kapodistrian University of Athens)

At International National level: Prof. D. Appelhans (Leibniz Institute of Polymer Research, Dresden, Germany); Prof. D. Fessas (Department of Food, Environmental and Nutritional Sciences, Milan, Italy). Prof. R. Acharya (Department of Biology & Biochemistry)

PUBLICATIONS

PhD thesis

Arbez-Gindre Cécile (1997): "Synthesis of double [13-C] labelled cutaneous metabolites of allergenic corticosteroids. Interaction studies with proteins", PhD in Organic Synthesis/Medicals Sciences, Université Louis Pasteur, Strasbourg I, France
<http://www.theses.fr/1997STR13172>,

Chapter of Book/Review Article

Chountoulesi M., Naziris N., Gioran A., Papagiannopoulos A., Steele B. R., Micha-Screttas M., Stravrinides S. G., Hantias M., Chondrogianni N., Pispas S., **Arbez-Gindre C.**, Demetzos C., (2022) "Applications of Nanotechnology in Alzheimer's Disease." *In*: Vlamos P., Kotsireas I.S., Tarnanas I. (eds) Handbook of Computational Neurodegeneration. Springer, Cham. (*In press*)

Peer-reviewed journals

- 1) Ioannou P.-C., **Arbez-Gindre C.**, Zoumpantioti M., Raptopoulou C.P., Psycharis V., Kostas I.D., Kyritsis P., "Catalytic reactivity of the complexes [Pd{(Ph₂P)₂N(tBu)-P,P'}X₂], X = Cl, Br, I, in the Suzuki-Miyaura C–C coupling reaction: Probing effects of the halogeno ligand X– and the ligand's tBu group". **J. Organomet. Chem.**, **2019**, 879, 40–46, <https://doi.org/10.1016/j.jorganchem.2018.10.006> ; IF=2.22 (2020-2021)
- 2) Khemakhem M., Papadimitriou V., Sotiroidis G.T., Zoumpoulakis P., **Arbez-Gindre C.**, Bouzouita N., Sotiroidis T. G. "Melanin and humic acid-like polymer complex from olive mill waste waters. Part I. Isolation and characterization", **Food chem.**, **2016**, 203, 540-547 <http://dx.doi.org/10.1016/j.foodchem.2016.01.110>; IF=7.514 (2021)
- 3) Sleiman M.H., Csonka R., **Arbez-Gindre C.**, Heropoulos G. A., Calogeropoulou T., Signorelli M., Schiraldi A., Steele B. R., Fessas D., Micha-Screttas M., "Binding and stabilisation effects of glycodendritic compounds with peanut agglutinin", **International Journal of Biological Macromolecules**, **2015**, 80, 692–701 <http://dx.doi.org/10.1016/j.ijbiomac.2015.07.036>; IF= 6.953 (2021)
- 4) Ramaswamy S., Sleiman M.H., Masuyer G., **Arbez-Gindre C.**, Micha-Screttas M., Calogeropoulou T., Steele B.R. and Acharya K. R., "Structural basis of multivalent galactose-based dendrimer recognition by human galectin-7", **FEBS Journal**, **2015**, 282, 372–387, <https://dx.doi.org/10.1111/febs.13140>; IF=5.542 (2021)
- 5) Kostas I.D., Tenchiu A.-C., **Arbez-Gindre C.**, Psycharis V., Raptopoulou C.P., "Room-temperature Suzuki-Miyaura coupling of aryl bromides with phenylboronic acid catalyzed by a palladium complex with an inexpensive nitrogen-containing bis(phosphinite) ligand" **Catal. Commun.**, **2014**, 51, 15-18, <http://dx.doi.org/10.1016/j.catcom.2014.03.014>; IF=3.56 (2020)
- 6) Claudel E., **Arbez-Gindre C.**, Berl V. and Lepoittevin J.-P, "An efficient Hemi-synthesis of 20- and 21-[13-C] labelled Cortisol: A model for the Study of Skin Sensitization to Corticosteroids", **Synthesis** **2009**, 20, 3391-3398, DOI:10.1055/s-0029-1216986; IF = 3.157 (2021)
- 7) **Arbez-Gindre C.**, Steele B.R., Heropoulos G.A., Screttas C.G, Communal J.E., Blau W.J, Ledoux-Rak I., "A facile organolithium route to ferrocene-based triarylmethyl dyes

- with substantial near IR and NLO properties”, **J. Organomet. Chem.** **2005**, 690, 1620-1626, <http://dx.doi.org/10.1016/j.jorganchem.2005.01.008>; IF=2.22 (2020-2021)
- 8) **Arbez-Gindre C.**, Berl V., and Lepoittevin J.-P., “Air oxidation of 17-hydroxycorticosteroids catalyzed by cupric acetate: formation of hemiacetal dimmers”, **Steroids** **2003**, 68, 361-365, [http://dx.doi.org/10.1016/S0039-128X\(03\)00033-3](http://dx.doi.org/10.1016/S0039-128X(03)00033-3); IF=2.668 (2021)
- 9) Calaminici P., Jug K., Koster A.M., **Arbez-Gindre C.** and Screttas C.G., “Mechanism for large first hyperpolarisabilities of phosphonic acid stilbene derivatives”, **J. Comput. Chem.** **2002**, 23, 291-297, <http://dx.doi.org/10.1002/jcc.10006> IF=3.34 (2020)
- 10) Paci B; Schmidt C., Fiorini C., Nunzi J.M., **Arbez-Gindre C.** and Screttas C.G., “Nonlinear optical properties of push-pull stilbenes based on a strong carbocation acceptor moiety”, **J. Chem. Physics** **1999**, 111, 7486-7492, <http://dx.doi.org/10.1063/1.480073>; IF=3.488 (2021)
- 11) **Arbez-Gindre C.**, Berl V., and Lepoittevin J.-P., “Methyl exchange on silicon during the addition of methyl magnesium iodide to cyanohydrin-O-silyl ether”, **J. Chem. Soc., Chem. Comm.**, **1999**, 431-432, <http://dx.doi.org/10.1016/j.catcom.2014.03.014>; IF=6.222 (2021)
- 12) **Arbez-Gindre C.**, Screttas C.G., Fiorini C., Schmidt C. and Nunzi J.M., “Organolithium reagents bearing nonlinear optical chromophores. Synthesis of triarylmethane dyes”, **Tetrahedron Lett.** **1999**, Vol. 40, 7413-7416, [http://dx.doi.org/10.1016/S0040-4039\(99\)01446-X](http://dx.doi.org/10.1016/S0040-4039(99)01446-X); IF= 2.25 (2020)
- 13) Matura M., Lepoittevin J.-P., **Arbez-Gindre C.**, Goossens A., “Testing with corticosteroid aldehydes in corticosteroid sensitive subjects (preliminary results)”, **Contact Derm.**, **1998**, 38, 106-108, <https://doi.org/10.1111/j.1600-0536.1998.tb05663.x>; IF=6.6 /Q2 (2021-2022)

Presentations

Oral presentations/Plenary lectures

October, 15-17, 2019, I. Theochari, V. Pletsas, D. Papahatjis, C. Arbez-Gindre, V. Papadimitriou, A. Xenakis, Oral presentation in First COST Action CA17140 Conference, Riga, Latvia, "Development and applications of nanodispersions as carriers of compounds with pharmaceutical interest"

June, 23-27, 2019, 10th International Symposium on Computational Methods in Toxicology and Pharmacology Integrating Internet Resources, Ioannina, Greece, Oral presentation, E. Kritsi, C. Potamitis, D. Siakouli, A. Boulaka, A. C. Tenchiu, C. Nasaj, G. Panagiotou, V. Ganou, K. D. Papavasileiou, O. Kirkilessi, T. Calogeropoulou, M. N. Alexis, P. Zoumpoulakis, C. Arbez-Gindre, I.D. Kostas, D. J. Mitsiou and M. Zervou "New non-steroidal selective glucocorticoid receptor agonists."

October 2016: C. Arbez-Gindre, IBMCB seminar presentation in EIE/NHRF, "Synthesis of polyhydroxy dendrimers and biological applications"

September 2016: E.A. Mourelatou, F.M. Ottaviani, D. Fessas, M. Cangiotti, C. Arbez-Gindre, G. Antonopoulou, S. Hatziantononiou, M. Micha-Screttas, C. Demetzos, Oral presentation in 11th Central European Symposium on Pharmaceutical Technology, Belgrade, Serbia: "Osmotic pressure effect in liposome-hyperbranched polymer advanced drug delivery nanosystems (ADDNSS) as carriers of anticancer drugs"

September 2012: R. Csonka, M. Sleiman, C. Arbez-Gindre, B.R. Steele, G.A. Heropoulos, T. Calogeropoulou, M. Signorelli, A. Schiraldi, D. Fessas, M. Micha-Screttas, Oral presentation in EIE/NHRF, Arcade project, Athens, Greece "Calorimetric analysis of lectin binding of new glycodendrimeric compounds by DSC and ITC methods"

May 2000: C. Arbez-Gindre, B.R. Steele, G.A. Heropoulos, C.G. Screttas, Oral presentation in EIE/NHRF, Delos Network, Athens, Greece: "Synthesis of stilbene and ferrocenyl-stilbene derivatives expected to present large nonlinear optical properties"

September 1999: C. Arbez-Gindre, B.R. Steele, G.A. Heropoulos, C.G. Screttas, Oral presentation, Delos Network, Manchester, UK: "Synthesis of stilbene and ferrocenyl-stilbene derivatives expected to present large nonlinear optical properties"

December 1998: C. Arbez-Gindre, B.R. Steele, G.A. Heropoulos, C.G. Screttas, Oral communication in EIE/NHRF, Athens, Greece: "Synthesis of some novel stilbene derivatives expected to present large nonlinear optical properties"

October 1998: C. Arbez-Gindre, B.R. Steele, G.A. Heropoulos, C.G. Screttas, Oral communication in the mid-term review, Delos Network, Vougliamenis, Greece "Synthesis of some novel stilbene derivatives expected to present large nonlinear optical properties"

February 1998: C. Arbez-Gindre, B.R. Steele, G.A. Heropoulos, C.G. Screttas, Oral communication in EIE/NHRF, Athens, Greece: "Synthesis of double [13-C] labelled cutaneous metabolites of allergenic corticosteroids. Interaction studies proteins"

March 1997: C. Arbez-Gindre, V. Berl, J-P. Lepoittevin, Young Researcher Seminary, ULP1, Strasbourg, France: "Synthesis of double [13-C] labelled corticosteroids"

Posters

November 29-1st December 1, 2019, 70th HSBMB Conference, Athens, Greece, Poster presentation, D. Siakouli, E. Kritsi, A.-C. Tenchiu, N. Travlos, G. Panagiotou, A. Boulaka, K. Nasaj, C. Potamitis, O. Kirkilessi, A.I Tzani, T. Calogeropoulou, **C. Arbez-Gindre**, M.N. Alexis, I.D. Kostas, M, Zervou, D. J. Mitsiou, "Development of New Selective Glucocorticoid Receptor Agonists: hit-to-lead optimization"

October 15-17, 2019, Arbez-Gindre C., Fotopoulou T., , M. Konstantinidou, A. Tenchiu, G. Antonopoulou, G. Heropoulos, B.R. Steele, M. Micha-Screttas, M. Koufaki, N. Papaevgeniou, N. Chondrogianni, M.Chountoulesi, N.Naziris, C. Demetzos, S.Moreno Pinilla, D.Appelhans, Poster presentation in First COST Action CA17140 Conference,

Riga, Latvia, "Synthesis and pharmaceutical applications of polyhydroxy-dendrons containing an amino focal group for conjugation to biological active compounds"

September 14-16, 2015, M. Konstantinidou, A.-C. Tenchiu, C. Arbez-Gindre, G. Antonopoulou, G. Heropoulos, B. Steele, C. Potamitis, P. Zoumpoulakis, S. Georgakopoulos, M. Zervou, M. Micha-Screttas, *Frontiers in Medicinal Chemistry*, Antwerp, Belgium: "New glycodendrimers as potential carriers for anticancer drugs"

May 8-10, 2015, Ι.Δ. Κώστας, A.-C. Tenchiu, C. Arbez-Gindre, Β. Ψυχάρης, Κ. Ραπτοπούλου, 12ο Συνέδριο Χημείας Ελλάδος-Κύπρου, Θεσσαλονίκη: "Γιατί παλλάδιο στην οργανική σύνθεση; Ένας δραστικός καταλύτης για τον σχηματισμό δεσμού C-C"

May 8-10, 2015, M. Konstantinidou, C. Arbez-Gindre, G.A. Heropoulos, Steele Barry R., 12ο Συνέδριο Χημείας Ελλάδος-Κύπρου, Θεσσαλονίκη: "Synthesis of new polyhydroxy dendrimers as iron chelators"

March 16-19, 2015, B.R Steele, C. Arbez-Gindre, M. Konstantinidou, C. Potamitis, S. Georgakopoulos, G. Antonopoulou, G. A. Heropoulos, P. Zoumpoulakis, M. Zervou and M. Micha-Screttas, *Anatolian Conference on Synthetic Organic Chemistry*, Antalya, Turkey: "Synthesis of new polyhydroxydendrimers for drug encapsulation and delivery"

March 16-19, 2015, Constantinos G. Screttas, Georgia Antonopoulou, Cécile Arbez-Gindre, Barry R. Steele and Maria Micha-Screttas, *Anatolian Conference on Synthetic Organic Chemistry*, Antalya, Turkey: "An organometallic route to halohydrin carboxylates"

March 16-19, 2015, M. Micha-Screttas, M. Sleiman, R. Csonka, C. Arbez-Gindre, G.A. Heropoulos, T. Calogeropoulou, M. Signorelli, A. Schiraldi, B.R. Steele, D. Fessas, *Anatolian Conference on Synthetic Organic Chemistry*, Antalya, Turkey: "Synthesis of new glycodendritic compounds and their binding and stabilisation effects with lectins"

July 2nd-June 28th, 2014, I.D. Kostas, A.-C. Tenchiu, C. Arbez-Gindre, V. Psycharis, C.P. Raptopoulou, 20th International Conference on Phosphorus Chemistry (ICPC 2014), Dublin, Ireland, Paper No. 301: "N-Phenyldiethanolamine-derived P(N)P-Ligands. A Palladium/Bis(phosphinite) Complex as an Efficient Catalyst for the Room-temperature Suzuki Reaction"

May 25-27, 2012, R. Csonka, M. Sleiman, C. Arbez-Gindre, B. R. Steele, G. A. Heropoulos, T. Calogeropoulou, M. Signorelli, A. Schiraldi, D. Fessas, M. Micha-Screttas, 15th Hellenic Symposium on Medicinal Chemistry, Athens, Greece, "ITC study of lectin binding to novel multifunctional carbohydrate hyperbranched polymers"

May 2011: M. Micha-Screttas, M. Sleiman, C. Arbez-Gindre, G.A. Heropoulos, T. Calogeropoulou, B.R. Steele, 27th Annual Meeting of the Polymer Processing Society, Marrakech, Morocco: P-13-896: "Synthesis and study of novel multifunctional carbohydrate hyperbranched polymers"

July 10-15, 2011, M. Micha-Screttas, M. Sleiman, C. Arbez-Gindre, G.A. Heropoulos, T. Calogeropoulou, B.R. Steele, 17th European Symposium on Organic Chemistry

(ESOC 2011), Hersonissos-Crete, Greece: "Synthesis and study of novel multifunctional carbohydrate hyperbranched polymers"

October 2009, K. Gardikis, S. Hatziantoniou, C. G. Screttas, B. R. Steele, C. Arbez-Gindre, M. Ionov, D. Wrobel, M. Bryszewska, M. Signorelli, D. Fessas, M. Micha-Screttas, C. Demetzos, 3rd Hellenic Symposium on Organic Synthesis, Athens: "Liposomal locked in dendrimer technology in biomedical applications"

October 15-17, 2009: K. Gardikis, S. Hatziantoniou, C.G. Screttas, B. Steele, C. Arbez-Gindre, M. Ionov, D. Wrobel, M. Bryszewska, M. Signorelli, D. Fessas, M. Micha-Scretta and C. Demetzos, 3rd Hellenic Symposium on organic synthesis, From Chemistry to Biology, medicine and material sciences, Athens, Greece, "Liposomal locked in dendrimer technology in biomedical applications"

September 5-7, 2003: V. Berl, C. Arbez-Gindre, N. Gagey, J-P Lepoittevin, European Research Group on Experimental Contact Dermatitis, Göteborg, Sweden, "Reaction mechanism of 21-dehydrocorticosteroids toward arginine residues"

September, 2001: C. Arbez-Gindre, B.R Steele, G.A. Heropoulos, C.G. Screttas, J.E. Communal, M. in het Panhuis, W. Blau, I. Ledoux-Rak, 6th FIGIPS Conference, Barcelona, Spain: "An organolithium route to triarylmethyl dyes bearing ferrocenyl or ferrocenylethenyl groups and their NLO properties"

December 18-19, 2000: C. Arbez-Gindre, C.G. Screttas, B. Paci, C. Schmidt, C. Fiorini, J-M. Nunzi, 40 Years Anniversary of the Institute of Organic and Pharmaceutical Chemistry of National Hellenic Research Foundation, Athens, Greece: "Synthesis and Characterization of Nonlinear Optical (NLO) Dyes. Push-pull Stilbenes Based on a Strong Carbocation Acceptor Moiety"

March 12-16, 2000: B. Paci, C. Schmidt, C. Fiorini C., J-M. Nunzi, C. Arbez-Gindre, C.G. Screttas C.G., 5th International Conference on Organic Nonlinear Optics, Davos, Switzerland: "Nonlinear Optical Properties of Push-pull Stilbenes Based on a Strong Carbocation Acceptor Moiety"

August 30-September 4, 1998: B.R Steele, C. Arbez-Gindre, G.A. Heropoulos, C.G. Screttas, M. Micha-Screttas, 3rd International Conference on Coordination Chemistry, The Chemistry of Metal Ions in Everyday Life, Florence, Italy", "Organolithium and organomagnesium reagents in nonlinear optical material synthesis"

August 16-21,1998: C.G. Screttas, C. Arbez-Gindre, G.A. Heropoulos, B.R. Steele, M. Micha-Screttas, 18th International Conference on Organometallic Chemistry, Munich, Germany "Synthesis and applications of organolithium and organomagnesium reagents bearing non-linear chromophores"

December 1996: C. Arbez-Gindre, G. Goetz, F. Bertrand, V. Berl, J.P. Lepoittevin, French-Chinese Symposium of Organic Chemistry and Organometallic Chemistry, Strasbourg, France: "Investigation of hapten-protein interactions in contact allergic dermatitis (ACD). Synthesis of [13-C] labelled molecules as tools for this study"

November 1996: C. Arbez-Gindre, G. Goetz, F. Bertrand V. Berl, J-P. Lepoittevin A Rhine Gold Meeting, Strasbourg, France: "Synthesis of [13-C] labelled molecules: tools for hapten-proteins interaction studies".

October 1996: C. Arbez-Gindre, G. Goetz, F. Bertrand, V. Berl, J-P. Lepoittevin –JP, Scientific committee of the URA-31, Strasbourg, France: "Synthesis of [13-C] labelled molecules: tools for hapten-proteins interaction studies".