

Liste exhaustive des publications, des conférences, des communications orales

Publications dans des revues « à comité de lecture »

Synthesis of Biologically Active Carbocyclic Analogues of MDP. Barton, D.H.R.; Camara, J.; Dalko, P.; Gero, S.D.; Quiclet-Sire, B.; Stütz, P., *J. Org. Chem.*, **1989**, 54, 3764-3766.

Synthetic Methods for the Preparation of Basic D-, L-Pseudo-Sugars. Synthesis of Carbocyclic Analogues of N-Acetyl-Muramyl-L-Alanyl-D-Isoglutamine (MDP). Barton, D.H.R.; Augy, S.; Camara, J.; Dalko, P.; Delaumeny, J.M.; Gero, S.D.; Quiclet-Sire, B.; Stütz, P., *Tetrahedron*, **1990**, 46, 215-230.

Synthesis of Branched-Chain-Cyclitols Using Palladium(0)-Catalyzed Allylic Coupling Reaction. Barton, D.H.R.; Dalko, P.I.; Gero, S.D., *Tetrahedron Lett.*, **1991**, 32, 2471-2474.

Preparation of Six Membered Carbocycles by Aryl-Tellurium Mediated Free-Radical Cyclisation; Barton, D.H.R.; Dalko, P.I.; Gero, S.D., *Tetrahedron Lett.*, **1991**, 32, 4713-4716.

Radical Cation Reactions Associated with the Thiocarbonyl Group; Barton, D.H.R.; Dalko, P.I.; Gero, S.D., *Tetrahedron Lett.*, **1992**, 33, 1883-1886.

9-BBN Triflate Mediated Stéréoselective Alkylation of 2-Alkyl Imidazolines with Tetrahydrofurans. Dalko, P.I.; Langlois, Y., *Tetrahedron Lett.*, **1992**, 33, 5213-5216.

Synthesis of Carbocyclic Analogues of Lipid X. Augy-Dorey, S.; Dalko, P.; Gero, S.D.; Quiclet-Sire, B.; Eustache, J.; Stütz, P., *Tetrahedron*, **1993**, 49, 7997-8006.

Redox Induced Radical, Radical Ionic Carbon-Carbon Bond Forming Reactions. (Review) Dalko, P.I., *Tetrahedron*, **1995**, 51, 7579-7653.

Preparation of Stéréodefined Quaternary Carbons Using Tetrahydrofurans as Electrophiles Dalko, P.I.; Langlois, Y., *CHIMIA.*, **1997**, 51, 471.

Stéréoselective Preparation of Quaternary Benzylic Centers Using Chiral Imidazolines. Dalko, P.I.; Langlois, Y., *J. Chem. Soc., Chem. Commun.* **1998**, 331.

Stéréoselective Hétéro-Claisen Rearrangement of Camphor derived Oxazoline-N-Oxides. Dalko, P.I.; Langlois, Y., *Tetrahedron Lett.*, **1998**, 39, 2107.

Total Synthesis of Altohyrtin A (Spongistatin 1): Part One. Guo, J.; Duffy, K. J.; Stevens, K. L.; Dalko, P. I.; Roth, R. M.; Hayward, M. M.; Kishi, Y., *Angew. Chem. Int. Ed. Engl.*, **1998**, 36, 187.

Total Synthesis of Altohyrtin A (Spongistatin 1): Part Two. Hayward, M. M.; Roth, R. M.; Duffy, K. J.; Dalko, P. I.; Stevens, K. L.; Guo, J.; Kishi, Y., *Angew. Chem. Int. Ed. Engl.*, **1998**, 36, 192.

Stereoselective Synthesis of Quaternary Benzylic Carbons Using C2 Symmetric Imidazolines,, Tetrahydrofuran as Electrophile. Dalko, P.I.; Langlois, Y., *J. Org. Chem.* **1998**, 63, 8107-8117.

A Concise Synthesis of (-)-Mesembrin. Dalko, P.I.; Brun, V.; Langlois, Y., *Tetrahedron Lett.*, **1998**, 38, 8979-8982.

Stereoselective Radical-Radical Coupling Reactions of Metallated Imidazolines. Dalko, P. I. *Tetrahedron Lett.* **1999**, 40, 4035-4036.

Recent Advances in the Conversion of Carbohydrate Furanosides, Pyranosides into Carbocycles. Dalko, P. I.; Sinaÿ, P., *Angew. Chem. Int. Ed. Engl.*, **1999**, 38, 773-777.

Radical Carbon-Carbon Coupling Reactions via Organoboranes. Cadot, C.; Cossy, J.; Dalko, P. I. *Chem. Commun.* **2000**, 1017-1018.

Hydroxylation of olefins using molecular oxygen via alkylboronic esters. Cadot, C.; Cossy, J.; Dalko, P. I. *Tetrahedron Lett.* **2001**, 42, 1661-1664.

Ruthenium-catalyzed asymmetric reduction of 1,3-diketones using transfer hydrogenation. Cossy, J.; Eustache, F.; Dalko, P. I. *Tetrahedron Lett.* **2001**, 42, 5005-5007.

Enantioselective Organocatalysis (Review). Dalko, P. I.; Moisan, L. *Angew. Chem. Int. Ed.*, **2001**, 40, 3726-3748.

Olefin isomerization by a ruthenium carbenoid complex. Cleavage of allyl, homoallyl groups. Cadot, C.; Dalko, P. I.; Cossy, J. *Tetrahedron Lett.* **2002**, 43, 1839-1841.

Modular Ligands for Asymmetric Synthesis: Enantioselective Catalytic Cu II-Mediated Condensation Reaction of Ethyl Pyruvate with Danishefsky's Diene. Dalko, P. I.; Moisan, L.; Cossy, J. *Angew. Chem. Int. Ed.* **2002**, 41, 625-628.

Enantioselective Mono-Reduction of 2-Alkyl-1,3-diketones Mediated by a Chiral Ruthenium Catalyst. Dynamic Kinetic Resolution. Eustache, F.; Dalko, P. I. Cossy, J. *Org. Lett.* **2002**, 4, 1263-1265.

Free-Radical Hydroxylation Reactions of Alkylboronates.

Cadot, C.; Dalko, P. I.; Cossy, J.; Olivier, C.; Chuard, R.; Renaud, P. *J. Org. Chem.* **2002**, 67, 7193-7202.

Synthesis of the C14-C25 Subunit of Bafilomycin A 1. Eustache, F.; Dalko, P. I.; Cossy, J.; *J. Org. Chem.*; **2003**, 68, 9994-10002.

Enantioselective monoreduction of 2-alkyl 1,3-diketones using chiral ruthenium catalysts. Synthesis of the C14-C25 fragment of bafilomycin A 1. Eustache, F.; Dalko, P. I.; Cossy, J. *Tetrahedron Lett.* **2003**, 49, 8823-8826.

Modular ligands in asymmetric synthesis. Copper-mediated cyclopropanation. Tepfenhart, D.; Moisan, L.; Dalko, P. I.; Cossy, J., *Tetrahedron Lett.* **2004**, 45, 1781-1783.

In the golden age of organocatalysis. Dalko, P. I.; Moisan, L. *Angew. Chem. Int. Ed.* **2004**, 43, 5138-5175.

A Radical Approach for the Construction of the Tricyclic Core of Stemoamide; Bogliotti, N.; Dalko, P. I.; Cossy J. *Synlett* **2005**, 349.

Im Goldenen Zeitalter der Organocatalyse; Dalko, P. I.; Moisan, L. *Angew. Chem. Sonderausgabe* **2005**, A147-A184.

Reduction of Olefins Using Ruthenium Carbene Catalysts and Silanes; Menozzi, C.; Dalko, P. I.; Cossy J. *Synlett* **2005**, 2449-2452.

Hydrosilylation of Terminal Alkynes with Alkylidene Ruthenium Complexes and Silanes; Menozzi, C.; Dalko, P. I.; Cossy J., *J. Org. Chem.* **2005**, 70, 10717-10719.

A One-Pot Process for the Enantioselective Preparation of Secondary Alcohols from Propargyl Ketones Under Transfer Hydrogenation Conditions; Bogliotti, N.; Dalko, P. I.; Cossy J., *Tetrahedron Lett.* **2005**, 46, 6915-6918.

Desymmetrization of Substituted 1,3-Diketones: A Formal Synthesis of (+)-Stemoamide; Bogliotti, N.; Dalko, P. I.; Cossy, J., *Synlett* **2006**, 2664-2666.

Concise Synthesis of the (±)-N_b-Desméthyl-meso-Chimonanthine; Menozzi, C.; Dalko, P. I.; Cossy, J., *Chem. Commun.* **2006**, 4638 – 4640.

Free-Radical Approaches to Stemoamide and Analogues; Bogliotti, N.; Dalko, P. I.; Cossy, J., *J. Org. Chem.* **2006**, *71*, 9528-9531.

Do we need asymmetric organocatalysis?; Dalko, P. I. *Chimia* **2007**, *61*, 213-218,

Studies on Enol Carbonate Chemistry: Stéréoselective Construction of Vicinal Quaternary Benzylic Centers in the Bis-oxindole Series; Menozzi, C.; Dalko, P. I.; Cossy, J.; *Heterocycles* **2007**, *72*, 199-205.

First example of Brønsted acid asymmetric catalysis in aqueous media. Non-covalent chiral catalysis in water; *Highlights in Chemical Science* **2010**, *7*

X-Ray photolysis to release ligands from 'caged' reagents by an intramolecular MRI-sensitive antenna; Petit, M.; Bort, G.; Doan, B.-T.; Sicard, C.; Ogden, D.; Scherman, D.; Ferroud C.; Dalko, P. I. *Angew. Chem. Int. Ed.* **2011**, *50*, 9708–9711.

Asymmetric alpha-Alkylation of Aldehydes: Efficiency with Elegance; L. Tak-Tak, H. Dhimane, P. I. Dalko, *Angew. Chem. Int. Ed.*, **2011**, *50*, 12146–12147.

Substitution Effect on the One- and Two-Photon Sensitivity of DMAQ 'Caging' Groups; M. Petit, C. Tran, T. Roger, T. Gallavardin, H. Dhimane, F. Palma-Cerda, M. Blanchard-Desce, F. C. Acher, D. Ogden, P. I. Dalko, *Org. Lett.* **2012**, *14*, 6366–6369.

Synthesis and Conformational Analysis of Fluorinated Pipecolic Acids; Singh, S ; Martinez, C.-M. ; Calvet-Vitale, S. ; Prasad, A. K. ; Prangé, T ; Dalko, P ; Dhimane, H., *Synlett* **2012**, *23*, 2421-2425.

From One-Photon to Two-Photon Probes: 'Caged' Compounds, Actuators and Photoswitches G. Bort, T. Gallavardin, D. Ogden, P. I. Dalko, *Angew. Chem. Int. Ed.* **2013**, *52*, 4526-4537.

Synthesis and Characterization of β -Substituted 3,4-Ethylenedioxy Tertltiophene Monomers for Conducting Polymer Applications; E. Pardieu, A. Saad, L. Dallery, P. Boutin, F. Garnier, C. Vedrine, F. Hauquier, P. I. Dalko, C. Pernelle, *Synth. Metals* **2013**, *171*, 23-31.

Quinoline-Derived Two-Photon Sensitive Quadrupolar Probes; Dunkel, P.; Tran, C.; Gallavardin, T.; Dhimane, H.; Ogden, D.; Dalko, P. I., *Org. Biomol. Chem.*, **2014**, *12*, 9899-9908.

Asymmetric Organocatalysis I (Lewis Base and Acid Catalysts) and Asymmetric Organocatalysis II (Bronsted Base and Acid Catalysts, and Additional Topics), SOS - Science of Synthesis Series", Edited by Benjamin List (I) and Keiji Maruoka (II) Thieme, 2012, 954 + 974 pp., softcover. *Angew. Chem. Int. Ed.* **2013**, *52*, 4069–4070.

Two-Photon "Caging" Groups: Effect of Position Isomery on the Photorelease Properties of Aminoquinoline-Derived Photolabile Protecting Groups; C. Tran, T. Gallavardin, M. Petit, R. Slimi, H. Dhimane, M. Blanchard-Desce, F. C. Acher, D. Ogden, P. I. Dalko, *Org. Lett.*, **2015**, *17*, 402–405.

5-Aryl-dimethylamino quinoline-derived two-photon sensitive probes; Tran, C.; Dunkel, P.; Dhimane, H.; Ogden, D.; Dalko, P. I., *Opt. Mat. Express*, **2016**, *6*, 2207-2212.

Caged Neuroactive Amino Acids for Two-Photon Photolysis or TP-Photostimulation/Inhibition; Ogden, D.; Tran, C.; Dalko, P. I., *Biophys. J.* **2016**, *110*, 320A-321A.

Photolysis-driven merging of microdroplets in microfluidic chambers; Dunkel, P.; Hayat, Z.; Barosi, A.; Bchellaoui, N.; Dhimane, H.; Dalko, P. I.; El Abed, A. I., *Lab Chip*. **2016**, *16*, 1484-1491.

Quinoline-Derived Two-Photon-Sensitive Octupolar Probes; Dunkel, P., Petit, M.; Dhimane, H.; Blanchard-Desce, M.; Ogden, D. Dalko, P. I., *ChemOpen*, **2017**, 6, 660.

Cyclotryptophan Mycotoxins: Short Synthesis of the Desymmetrized meso-Chimonantine Core of Leptosin C; Iurre Olaizola-Alvarez, Racha Abed Ali Abdine, Hamid Dhimane, Peter I. Dalko, *Synthesis* **2017**, 49, 391-396.

Quinoline-Derived Two-Photon Sensitive Quadrupolar Probes; Tran, C.; Berqouch, N.; Dhimane, H.; Clermont, G.; Blanchard-Desce, M.; Ogden, D.; Dalko, P. I., *Chem. Eur. J.* **2017**, 23, 1860-1868.

Photoinduced Electron Transfer (PET)-Mediated Fragmentation of Picolinium-Derived Redox Probes; P. Dunkel, A. Barosi, H. Dhimane, F. Maurel, P. I. Dalko, *Chem. Eur. J.*, **2018**, 24, 12920– 12931.

Synthesis and activation of an iron oxide immobilized drug-mimicking reporter under conventional and pulsed X-ray irradiation conditions; A. Barosi, P. Dunkel, E. Guenin, Y. Lalatonne, P. Zeitoun, I. Fitton, C. Journé, A. Bravin, A. Maruani, H. Dhimane, L. Motte, P. I. Dalko, *RSC Advances* **2020**, 10, 3366-3370.

Efficient construction of a redox responsive thin polymer layer on glassy carbon and gold surfaces for voltage-gated delivery applications; A. Barosi, A. Berisha, C. Mangeney, J. Pinson, H. Dhimane, P. I. Dalko, *Mater. Adv.*, **2021**, 2, 2358-2365.

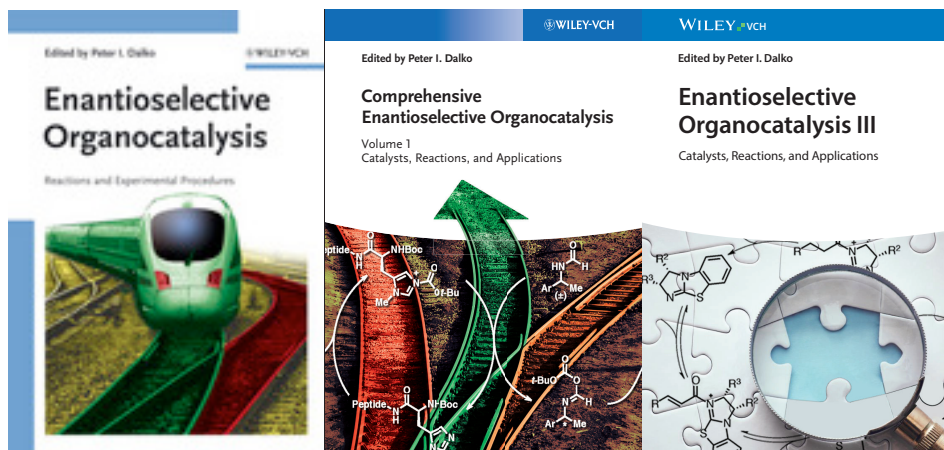
Release of biologically relevant substrates from prodrugs and nanocarriers using X- and γ-rays as trigger signals. A. Kumar; P. I. Dalko, *Comptes Rendus. Chimie*, Breaking Barriers in Chemical Biology – **2023**, 26, 139-155

Triphenylamine Sensitized 8-Dimethylaminoquinoline: An Efficient Two-Photon Caging Group for Intracellular Delivery, D. Rigault, P. Nizard, J. Daniel, M. Blanchard-Desce, E. Deprez, P. Tauc, H. Dhimane, P. I. Dalko, *Chem–Eur. J.* **2024**, e202401289 (Hot topic)

Red-shifted two-photon-sensitive phenanthridine photocages: synthesis and characterisation, Attiach, C.; Kumar, A.; Daniel, J.; Blanchard-Desce, M.; Maruani, A.; Dalko, P., *Chem. Commun.*, **2024**, 60, 8260-8263

Breaking Bonds by Light: The Absorbance–Fragmentation Paradox P. Dunkel, C. Tran, D. Rigault, B. Kontra, E. Deprez, P. Tauc, Z. Mucsi, H. Dhimane, P. I. Dalko, *Chem. Eur. J.* **2025**, 46, e01839

Livres :



- *Enantioselective Organocatalysis: Reactions and Experimental procedures*; Ed.: P. I. Dalko, VCH, Weinheim, 2007.

- *Comprehensive Enantioselective Organocatalysis I-III*; Ed.: P. I. Dalko, VCH, Weinheim, 2013.

- *Enantioselective Organocatalysis III, Catalysts, Reactions, and Applications*
Dalko, P. I. (Editor), ISBN: 978-3-527-35340-8, Wiley-VCH, Weinheim, 2025

Chapitres du livre :

Introduction à la chimie radicalaire.

Dalko, P.I. in "Méthodes et Techniques de la Chimie Organique" pp 187-237
Ed.: Astruc, D., Grenoble Sciences, Presse Universitaire de Grenoble, **1999**.

Organic catalysts.

Dalko, P. I.; The McGraw-Hill 2003 yearbook. McGraw-Hill, New York, **2003**.

Direct Conversion of Sugar Glycosides into Carbocycles (Organic Synthesis Highlights V); Dalko, P. I.; Sinaÿ, P., Organic Synthesis Highlights, V. (Eds.: H.-G. Schmalz, T. Wirth.), Wiley-VCH, Weinheim, **2003**.

The photochemistry of Barton esters.

Dalko, P. I.; Handbook of photochemistry; Ch 67; pp 1-23 ; Eds.: Horspool W., Lenci, F., CRC, Boca Raton, FL, USA, **2004**.

Organocatalytic Enantioselective Morita-Baylis-Hillman Reactions.

C. Menozzi, P. I. Dalko (Enantioselective Organocatalysis: Reactions and Experimental procedures; Ed.: Peter I. Dalko) VCH, Weinheim, **2007**.

Shape and site selective asymmetric reactions.

N. Bogliotti, P. I. Dalko (Enantioselective Organocatalysis: Reactions and Experimental procedures; Ed.: Peter I. Dalko) VCH, Weinheim, **2007**.

Asymmetric Organocatalysis: a New Stream in Organic Synthesis.

P. I. Dalko (Enantioselective Organocatalysis: Reactions and Experimental procedures; Ed.: Peter I. Dalko) VCH, Weinheim, **2007**.

Direct Conjugate Additions via Enamine Activation

Bressy, C.; Dalko, P. I.; (Enantioselective Organocatalysis: Reactions and Experimental

procedures; (Ed.: Dalko, P. I.) VCH, Weinheim, **2007**.

Organocatalysis

McCort-Tranchepain, I.; Petit, M. ; Dalko, P. I. (Handbook of Green Chemistry, Vol I : Homogenous Catalysis, Ed. : Crabtree, R. H.; Ed. serie : Anastase, P. T.) pp 255-318, VCH, Weinheim, **2009**.

Preface to the Comprehensive Enantioselective Organocatalysis; Ed.: P. I. Dalko, VCH, Weinheim, **2013**.

S_N2 -Type Alpha-Alkylation and Allylation Reactions

C. Tran and P. I. Dalko in Comprehensive Enantioselective Organocatalysis I-III; Ed.: P. I. Dalko, VCH, Weinheim, **2013**.

Asymmetric Open Shell Organocatalytic Reactions

T. Gallavardin and P. I. Dalko in Comprehensive Enantioselective Organocatalysis I-III; Ed.: P. I. Dalko, VCH, Weinheim, **2013**.

Preface to the Enantioselective Organocatalysis III; Ed.: P. I. Dalko, Wiley-VCH, **2025**.

Cycloaddition Reactions with Primary and Secondary Amine Catalysts

K. Aradi, P. I. Dalko in Enantioselective Organocatalysis III; Ed.: P. I. Dalko, Wiley-VCH, **2025**.

Actes à des congrès :

Radical carbon-carbon coupling reactions via organoboranes.

Dalko, PI

ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY Volume: 218 Pages:
U213-U214 Meeting Abstract: 638 -ORGN Published: AUG 22 1999

Radical carbon-carbon and carbon-heteroatom coupling reactions via organoboranes.

Dalko, PI; Cadot, C; Cossy, J

ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY Volume: 220 Pages:
U125-U125 Meeting Abstract: 584 -ORGN Published: AUG 20 2000

DIASTEREOSELECTIVE ALKYLATIONS OF IMIDAZOLINES BY TETRAHYDROFURANS

LANGLOIS, Y; DALKO, PI

ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY Volume: 205 Pages:
321-ORGN Published: MAR 28 1993

Brevets:

Multiphoton activable organic compounds, their preparation and their uses.

WO/2011/086469.

X-ray and Gamma-photon activable organic

compounds, their preparation and their uses, WO 2011/158189 A1.

ADMINISTRATION DE MÉDICAMENTS SENSIBILISÉS À L'OXYDORÉDUCTION AVEC CAPACITÉ D'IMAGERIE. DALKO, P., MOTTE, L., LALATONNE, Y., GUENIN, E., LETOURNEUR, D., BAROSI, A., DHIMANE, H., DUNKEL, P. EP19305231.3 27 février 2019

Copolymères sensibles aux stimuli ou biosensibles, les polymersomes comprenant ceux-ci et leur utilisation dans l'administration de médicament

P. I. DALKO, O. SANDRE, G. RAMNICEANU, S. LECOMMANDOUX, Z. CHINOY, B.-T. DOAN, P. DUNKEL, A. KUMAR ; WO2021116331A1; 2020

Selected Lectures, Seminars and Conferences

Synthèse énantioselective d'analogues carbocycliques du MDP et du LPX, immunomodulateurs potentiels. Université de Bordeaux I, Talence, France; Avril, 1989.

Synthèse des pseudosucres, nouvelles réactions radicalaires. École Polytechnique, Palaiseau, France; Février, 1990.

Synthèse des carbocycles hautement fonctionnalisés. École de Physique et de Chimie Industrielle de la Ville de Paris. Paris, France; Mars, 1990.

Cleavage of Tetrahydrofurans and its Application to Diastereoselective Alkylations
18th IUP AC Symposium on the Chemistry of Natural Products, Strasbourg, France, 30 août - 4 septembre 1992.

Diastereoselective Alkylations of Imidazolines by Tetrahydrofurans.
Communication orale au 205^e ACS Meeting, Denver, Colorado, USA, 28 mars- 2 avril, 1993.

Réactions radicalaires et leurs applications dans la synthèse de produits naturels.
Université de Bordeaux I, Talence, France; Mai 1993.

Diastéréoselective Alkylations of Imidazolines by Tetrahydrofurans. Texas A&M University, College Station, Texas, USA; Juillet 1993.

New Reactions for the Synthesis of Natural Products. Harvard University, Cambridge MA, USA, Mai 1994.

Nouvelles méthodes asymétriques pour la synthèse organique. ENS, Paris, 18 Septembre 1999.

Variations à 1 électron/2 électrons. Développement des réactions pour la synthèse.
Faculté de Pharmacie, Châtnay-Malabry, 6 Juin 2002.

Variations à un ou deux électrons. Développement de nouvelles réactions pour la synthèse de produits d'intérêt biologique, Reims, 7 Novembre 2002.

Diastéréoselective Alkylations of Imidazolines by Tetrahydrofurans., 205^e ACS Meeting, Denver, Colorado, USA, 28 Mars- 2 Avril, 1993.

Stéréoselective Synthesis of Quaternary Benzylic Carbons Using C₂ Symmetric Imidazolines, IUPAC 12th International Conference on Organic Synthesis (ICOS-12), Venise, Italie; 28 Juin – 2 Juillet, 1998.

Radical carbon-carbon, carbon-hétéroatom coupling reactions via organoboranes, 220^e ACS Meeting, Washington DC, USA, 18 Août-24 Août, 2000

Synthèses assistées par la symétrie. Université Paris VI, Jussieu, 4 Octobre 2004.

Symmetry assisted synthesis of natural products. University of Glasgow, UK, 29 Novembre 2004

Quelques problèmes synthétiques associés à la symétrie. Université d'Orleans, ICOA, 7 avril 2006

Quelques problèmes synthétiques associés à la symétrie. Ecole Polytechnique, Palaiseau,

25 avril 2006

La symétrie latente comme outil en synthèse. Université René Descartes, Paris 5, 22 septembre 2006.

Composés activables à 1 et 2 photons; Libération contrôlée de substrats par la lumière; M. PETIT, P. I. DALKO; 7 décembre 2010, Journée d'automne de la SCT, Paris

Development of probes optimized for the investigation of synaptic function and neuronal network properties; Université d'Orleans, 28 Janvier 2011.

Nanomedicine; P. I. Dalko on the CNRS/ANR G3N closing meeting, 12 november, 2012.

Light-gated fast release systems; FBI (France Bio-Imaging; Colloque 2013 (Institute Curie, Paris FRANCE)

Light-gated fast release systems; Janvier 2014, ENSCP, Paris

Light-gated fast release systems, ICOS 20 (Congrès international) July 2014, Budapest (Hongrie)

TWO-PHOTON SENSITIVE PROBES, 3rd International Workshop on Nano and Bio-Photonics (IWNBP2015), Cabourg , France, 6-11 December 2015

Light Sensitive Probes Fifth International Workshop on Advanced Nano- and Biomaterials and Their Applications, Constanța (Romania), September 21-25, 2016

Light Sensitive Probes, Departamento de Química Orgánica I / Kimika Organikoa-I Saila, KIMIKA FAKULTATEA/ FACULTAD DE QUÍMICA UPV/EHU, DONOSTIA- SAN SEBASTIÁN, June 2nd 2016

Two-photon probes; FBI, Colloque sept. 2015

Two-photon probes; Université Paris Descartes sept. 2015

Two-Photon Sensitive Probes LMC, CEA Saclay – Saint Aubin, France, 17 mai 2016

Controler le vivant par l'alchimie des particules subatomiques ICSN, Gif-sur-Yvette, 12 Janvier 2017

Light Sensitive Probes, Mini-symposium on Basic concept and Application of Caged Compounds in Hiroshima at Hiroshima International Conference Center, Japan, March 9-10, 2018.

Light Sensitive Probes. March 14th 2018, lecture at Nagasaki Univ, Japan

Light Sensitive Probes. March 16th, 2018 lecture at Okayama Univ., Japan

Light Sensitive Probes. March 19th, 2018 lecture at Nagoya Univ., Japan

Light Sensitive Probes. March 26th 2018 lecture at Tokyo Univ., Japan

Light Sensitive Probes. March 28th 2018 lecture at Tohoku Univ., Japan

Light Sensitive Probes: Extending the Activation Window; 16 Mai 2018, Lyon ENS

What probes can do more? 28 Nov 2019, Karlsruhe Institute of Technology (KIT), Germany

Molecular tools for the study of protein-protein interactions on the surfaces of and in living cells. December 16 – 21, 2021, Honolulu, HI, USA, invited lecture.

World Chemistry Forum 2023, Budapest, Hongrie – 12–14 avril 2023
Tissue / Organ-Selective Drug Delivery

Pacificchem 2025 – Honolulu, Hawaï, 15–20 décembre 2025
Red-shifted water-soluble photocages with high two-photon uncaging cross-sections

Communications par affiches

Synthesis of 13-Oxa-Carbacyclin, a New Prostacyclin.

P. I. Dalko, L. Novak, IX-th International Student Conference, Ljubljana, Yugoslavia, Janvier, 1983.

Cleavage of Tetrahydrofurans, its Application to Diastéréoselective Alkylations.

Langlois, Y.; Dalko, P.I., 18th IUPAC Symposium on the Chemistry of Natural Products, Strasbourg, France, 30 Août- 4 Septembre 1992.

Preparation of Stéréodefinied Quaternary Carbons Using Tetrahydrofurans as Electrophiles.

Dalko, P.I.; Langlois, Y., 36th IUPAC meeting, Genève, Août 1997.

Synthèse stéréosélective de carbones quaternaires benzyliques

Dalko, P. I.; Langlois, Y., SFC, Bordeaux, 7-12 Août 1997.

Stéréoselective Synthesis of Quaternary Benzylic Carbons Using C2 Symmetric Imidazolines.

P. I. Dalko, Y. Langlois, 33rd ESF / EUCHEM Conference, Bürgenstock 26 Avril - 2 Mai 1998.

Synthèse stéréoselective de carbones quaternaires benzyliques utilisant des imidazolines de symétrie C2 .

P. I. Dalko, Y. Langlois, SFC, Palaiseau, 15-17 Septembre 1998.

Alkylation radicalaire de composés organoborés.

C. Cadot, P. I. Dalko, J. Cossy, SFC, Rennes, 18-22 Septembre 2000.

Hydroxylation de composés organiques utilisant l'oxygène moléculaire.

C. Cadot, P. I. Dalko, J. Cossy, SFC, Rennes, 18-22 Septembre 2000.

Réduction asymétrique de 1,3-dicétones par des complexes chiraux du ruthenium.

F. Eustache, P. I. Dalko, J. Cossy, SFC, JCO, Palaiseau, 11-13 Septembre 2001.

Isomérisation d'éther allyliques en éthers vinyliques par utilisation de complexes du ruthenium. Déprotection de fonctions allyliques.

C. Cadot, P. I. Dalko, J. Cossy, SFC, JCO, Palaiseau, 11-13 Septembre 2001.

Développement de ligands chiraux à structure modulable. Application à la réaction d'hétéro Diels-Alder asymétrique.

L. Moisan, P. I. Dalko, J. Cossy, SFC, JCO, Palaiseau, 11-13 Septembre 2001.

Modular Ligands for Asymmetric Synthesis: Enantioselective Cull-Mediated Condensation Reaction of Ethyl Pyruvate with Danishefsky's Diene.

P. I. Dalko L. Moisan J. Cossy, 16th French-Japanese Symposium on Medicinal, Fine Chemistry, Nîmes, 29 Septembre- 2 Octobre 2002.

Approche énantioselective de l'arénarane A.

C. Cadot , P. I. Dalko, J. Cossy, SFC, JCO, Palaiseau, 7-9 Septembre 2004.

Hydrogénation des oléfines utilisant un complexe carbénique de Ruthenium.

C. Menozzi, P. I. Dalko, J. Cossy, SFC, JCO, Palaiseau, 7-9 Septembre 2004.

Synthèse énantioselective d'alcools secondaires isolés.

N. Bogliotti, P. I. Dalko, J. Cossy, SFC, JCO, Palaiseau, 7-9 Septembre 2004.

Synthèse du fragment C(14)-C(25) de la bafilomycine A1

Eustache, F.; Dalko, P. I.; Cossy, J. SFC, JCO, Palaiseau, 7-9 Septembre 2004.

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