

PUBLICATIONS

- 1-A Novel Thermal Rearrangement of Allylic Nitro Derivatives into Allylic Alcohols.
J. Boivin; L. EL Kaim; J. Kervagoret; S.Z. Zard, *J. Chem. Soc., Chem. Commun.*, 1989,1006
- 2-An Expedient Total Synthesis of (+)-Estrone Derivatives
B. Barlaam, J. Boivin; L. El Kaim; S. Z. Zard, *Tetrahedron Lett.* 1991, 32, 623.
- 3-A New Practical Method for the Synthesis of Acetylenes
J. Boivin ; L. El Kaim; P.G. Ferro; S. Z. Zard, *Tetrahedron Lett.* 1991, 32, 5321.
- 4-An Expedient Access to Trifluoromethyl ketones from Carboxylic Acids.
J. Boivin; L. El Kaim; S. Z. Zard, *Tetrahedron Lett.* 1992, 33, 1285.
- 5-Directionality and stereodivergent aldol additions
Nguyen Trong Anh; L. El Kaim; B.T. Thanh; F. Maurel; J.P. Flament, *Bull. Soc. Chim. Fr.*, 1992, 129, 468-477.
- 6-Procédé de Synthèse d'Isocyanates d'Alkyle (Enveloppe Soleau)
J. Boivin; L. El Kaim; J.P. Senet; S. Z. Zard.
- 7-Trifluoropyruvamides from Isocyanides and Trifluoroacetic Anhydride
L.Elkaim, *Tetrahedron Letters*, 1994, 35, 6669-6670.
- 8-A short Total Synthesis of Oestrone Derivatives. A Novel 1,3-rearrangement of an allylic Nitro Group.
B. Barlaam, J.B. Boivin, L. Elkaim, S. Elton Far, S.Z. Zard, *Tetrahedron*, 1995, 51, 1675-1684.
- 9-A New and efficient Synthesis of Trifluoromethyl ketones from Carboxylic acids. Part I.
J. Boivin; L. El Kaim; S. Z. Zard, *Tetrahedron*, 1995, 51, 2573-2584.
- 10-Trifluoromethyl Ketones from Carboxylic Acids. Part II
A versatile Access to Trifluoromethylated Heterocycles.
J. Boivin; L. El Kaim; S. Z. Zard, *Tetrahedron*, 1995, 51, 2585-2592.
- 11- New Access to Fluorinated Glycolic Acid Derivatives from Trifluoropyruvamides.
L. El Kaim, S. Guyoton, C. Meyer, *Tetrahedron Letters*, 1996, 37, 375-378.
- 12- An Unprecedented Radical Reaction of Benzotriazole Derivatives. A New Efficient Method for the Generation of Iminyl Radicals.
L. El Kaim; C. Meyer, *Journal of Organic Chemistry*, 1996, 61, 1556-1557.
- 13- A New conversion of Primary Nitro Compounds into Nitriles
L. Elkaim, A. Gacon, *Tetrahedron Letters*, 1997, 38, 3391-3394.
- 14-Diazo Esters Addition to Trifluoropyruvamides : New Access to Highly Functionalized Trifluoromethyl Epoxides and Diazo Compounds
L. El Kaim, C. Ollivier, *SYNLETT*, 1997, 797.
- 15- A New Straightforward formation of Aminoisoxazoles from Isocyanides.
C. Buron, L. Elkaim, A. Uslu, *Tetrahedron Letters*, 1997, 8027-8030.

- 16- Thiophenol promoted radical cyclisation onto hydrazones.
L. El Kaim, A. Gacon, A. Perroux, *Tetrahedron Letters*, 1998, 39, 371-374.
- 17-Trifluoropyruvamides from Isocyanides and Trifluoroacetic Anhydride.
L. Elkaim, E. Pinot-Périgord, *Tetrahedron*, 1998, 54, 3799-3806.
- 18-Trichloroacetic acid Hydrazones I: New formation of 1,3,4-oxadiazoles from aldehydes.
L. Elkaim, I. Le Menestrel, R. Morgentin, *Tetrahedron Letters*, 1998, 39, 6885-6888.
- 19-A New Multicomponent Reaction of Nitro Compounds with isocyanides: Paul Dumestre, Laurent El Kaim, Ariane Grégoire, *Chem. Comm.*, 1999, 775-776.
- 20-Trichloroacetyl Hydrazones: New highly reactive alkylating Agents: V. Atlan, L. El Kaim*, S. Lacroix, R. Morgentin, *Chem. Commun.*, 1999, 1893-1894.
- 21-Dramatic Solvent Effect in the Multicomponent Reaction of Nitro Compounds with Isocyanides: P. Dumestre, L. Elkaim, *Tetrahedron Letters*, 1999, 7985-7986.
- 22-A New Straightforward Formation of Aminopyrazoles from Isocyanides: V. Atlan, C. Buron, L. Elkaim, *Synlett*, 2000, 489-490.
- 23-Trichloroacylhydrazones: New Straightforward Preparation of Pyrazoles from Ketoesters: L. Elkaim, S. Lacroix, *Synlett*, 2000, 353-354.
- 24-New Versatile Approach to α -Hydrazonoesters and Aminoacids Derivatives through a Modified Japp-Klingemann Reaction. V. Atlan, L. El Kaim, C. Supiot, *Chem. Comm.*, 2000, 1385-1386.
- 25-The use of hydrazones for efficient mannich type coupling with aldehydes and secondary amines.
.V. Atlan, H. Bienaymé, L. El Kaim, A. Majee. *J. Chem. Soc, Chem. Commun.*, 2000, 1585-1586.
- 26-The Mannich reaction of Hydrazones Amenable to Solid Phase Synthesis : A powerful Tool for Heterocycle Preparation. V. Atlan, L. Elkaim, L. Grimaud, N.K. Jana, A. Majee. *SYNLETT*, 2002, 352-354.
- 27- α -Nitrohydrazones: versatile intermediates for phosphonate derivatives formation from primary nitro compounds. L. Elkaim, L. Grimaud, N.K. Jana, C. Tirla, *Tetrahedron Letters*, 2002, 2037-2038.
- 28- Studies towards the synthesis of Fipronil analogues: improved decarboxylation of α -hydrazonoacid derivatives. J.E. Ancel, L. El Kaim, A. Gadras, L. Grimaud, N.K. Jana, *Tetrahedron Letters*, **2002**, 8319-8322.
- 29- Amines addition to α -nitrohydrazones : application to amidrazones and triazoles formation. L. El Kaim, L. Grimaud, N.K. Jana, F. Mettetal, C. Tirla, *Tetrahedron Letters*, **2002**, 43, 8925-8927.
- 30-The Mannich Reaction of Hydrazones: Improved Reactivity under Solvent-free Conditions
L. El Kaïm, L. Gautier, L. Grimaud, L. M. Harwood and V. Michaut, *Green Chem.*, **2003**, 5, 477 – 479.

- 31-Selective Domino Ring-Closing Metathesis-Cross-Metathesis Reactions between Enynes and Electron-Deficient Alkenes. Royer, F.; Vilain, C.; Elkaim, L.; Grimaud, L. *Organic Lett.* **2003**, *5*, 2007-2009.
- 32-New insight into the azaenamine behavior of N-Arylhydrazones: first Aldol and improved Mannich reactions with unactivated aldehydes. Laurent El Kaïm, Laurent Gautier, Laurence Grimaud, Valerie Michaut, Synlett, **2003**, 1844-1846.
- 33-New trimethylaluminum induced Mannich type reaction of hydrazones. Laurent El Kaim, Laurence Grimaud, Yannick Perroux, Cornelia Tirla, *J. Org. Chem.*, **2003**, *68*, 8733-8735.
- 34-New straightforward quinoline synthesis from the Mannich reaction of α -ketohydrazones. V. Baille, L. El Kaïm, V. Michaut, *Synthetic Communication*, 2004, *34*, 109-118.
- 35-First carbamates conversion to amides by simple alkyl group transfer from trialkylalanes. L. El kaim, L. Grimaud, A. Lee, Y. Perroux, C. Tirla, *Organic Letters*, 2004, *6*, 381-383.
- 36- From isocyanides to trichloropyruvamides : Application to new preparation of Oxamide derivatives. L. El kaim, L. Gaultier, L. Grimaud, E. Vieu, *Tetrahedron Lett.*, 2004, *45*, 8047-8048
- 37- New access to fluorinated ketoglycolic acid derivatives from trifluoropyruvamides. T. Colin, L. El Kaim, L. Gaultier, L. Grimaud, L. Gatay, *Tetrahedron Lett.*, 2004, *45*, 5611-5613.
- 38- Dramatic effect of boron-based Lewis acid in cross-metathesis reactions. E. Vedrenne, H. Dupont, S. Oualef, L. El kaim, L. Grimaud, *Synlett* 2005, *4*, 670-672.
- 39- Formation of new phosphates from aldehydes by a DBU-catalysed Phospha-Brook rearrangement in a polar solvent. L. El Kaim, L. Gaultier, L. Grimaud, A.D. Santos, *Synlett* 2005, 2335-2336.
- 40- Towards the Synthesis of Paulitin: New Insights into the Enyne-Metathesis Mechanism. E. Vedrenne; F. Royer; J. Oble; L. El Kaïm; L. Grimaud. *Synlett* 2005, 2379-2380.
- 41- Phenol-Ugi-Smiles Systems: Highly efficient strategies for the multicomponent *N*-arylation of primary amines with isocyanides, aldehydes and phenols. L. El Kaïm, L. Grimaud, J. Oble, *Angewandte Chem., Int. Ed.*, 2005, *44*, 7165-7169.
- 42-Solvent free preparation of amidophosphonates from isocyanides. L. El kaim, L. Grimaud, S. Hadrot, *Tetrahedron Letters*, 2006, *47*, 3945-3947.
- 43-New ortho-quinone methide formation: application to three-component coupling of isocyanides, aldehydes and phenols. L. El Kaim, L. Grimaud, J. Oble, *Org. Biomol. Chem.*, 2006, *4*, 3410 - 3413
- 44-O-Arylative Passerini reaction. L. El kaim, M. Gizolme, L. Grimaud, *Organic Letters*, 2006, *8*, 5021-5023.
- 45- Direct access to heterocyclic scaffolds by new multicomponent Ugi Smiles coupling. L. El Kaim, M. Gizolme, L. Grimaud, J. Oble. *Organic Letters*, 2006, *8*, 4019-4021.
- 46- Ugi /xanthate cyclisations as a radical route to lactam scaffolds. L. El Kaïm, L. Grimaud, L.D. Miranda, E. Vieu, *Tetrahedron Letters*, 2006, *47*, 8259-8261.

- 47- New indolizines template from the Ugi reaction. L. El kaim, M. Gizolme, L. Grimaud, Synlett, **2007**, 227-230.
- 48- New Ugi/Pictet–Spengler Multicomponent Formation of Polycyclic Diketopiperazines from Isocyanides and α -Keto Acids. L. El kaim, M. Gageat, L. Gaultier, L. Grimaud, Synlett, **2007**, 500-502.
- 49-New Benzothiazole and Benzoxazole Scaffolds from the Ugi–Smiles Couplings of Heterocyclic Thiols. L. El kaim, M. Gizolme, L. Grimaud, J. Oble, *Synlett*, **2007**, 465-469.
- 50-Smiles rearrangements in Ugi and Passerini type couplings: new multicomponent accesses to *O*- and *N*-aryl amides. L. El Kaim, M. Gizolme, L. Grimaud, J. Oble, *J. Org. Chem.*, **2007**, 72, 4169-4180.
- 51-New Ugi-Smiles-metathesis strategy towards the synthesis of pyrimido azepines. L. El Kaim, M. Gizolme, L. Grimaud, J. Oble, *J. Org. Chem.* **2007**, 72, 5835-5838.
- 52-Ugi-Smiles access to quinoxalines derivatives. J. Oble, L. El Kaïm, M. Gizzi, and L. Grimaud, *Heterocycles*, **2007**, 73, 503-517.
- 53- From simple Ugi adducts to indanes and α -amidomalonates: new manganese (III) induced radical cascades. L. El Kaïm, L. Grimaud, E. Vieu, *Org. Lett.* **2007**, 9, 4171-4173.
- 54- New palladium-catalyzed aerobic oxidative cleavage and cyclization of *N*-aryl peptide derivatives. Laurent El Kaïm, Rocio Gamez-Montano, Laurence Grimaud Tannya Ibarra-Rivera, *Chem. Commun.* **2008**, 1350-1352.
- 55-Isocyanide addition to acyl phosphonates: a formal Passerini reaction of acyl chlorides. Didier Coffinier, Laurent El Kaïm, Laurence Grimaud, Synlett. **2008**, 1133-1136.
- 56-Ugi /Smiles access to pyrazine scaffolds. Anaëlle Barthelon, Aurélie Dos Santos, Laurent El kaim, Laurence Grimaud., *Tetrahedron Lett.* **2008**, 49, 3208-3211.
- 57- New MCR-Heck-isomerization Cascade towards Indole. Laurent El Kaim, Marion Gizzi, Laurence Grimaud, *Org. Lett.* **2008**, 10, 3417-3419.
- 58- Thiols in Ugi- and Passerini-Smiles-type couplings: A. Barthelon, L. El Kaïm, M. Gizolme, L. Grimaud *European J. Org. Chem.* **2008**, 5974-5987.
- 59- New benzotriazole and benzimidazole scaffolds from Ugi-Smiles couplings of isocyanides. El Kaim, L.; Grimaud, L.; Coffinier, D. *Org. Lett.* **2009**, 11, 995-997.
- 60- Three component Ugi-Smiles couplings of cyclic imines. El Kaim, L.; Grimaud, L.; Oble, J. Wagschal, S. *Tetrahedron Lett.* **2009**, 50, 1741-1743.
- 61-Beyond the Ugi reaction: less conventional interactions between isocyanides and iminium species. L. El Kaïm, L. Grimaud *Tetrahedron* **2009**, 65, 2153-2171

- 62- Three-component Nef/Huisgen access to 1,2,4-triazoles. L. El Kaim, L. Grimaud, S. Wagschal *Synlett*, **2009**, 1315-1317.
- 63-IMCRs “without“ isocyanides. L. El Kaim, L. Grimaud, A. Schiltz. *Synlett* **2009**,1401-1404.
- 64- Isocyanide-based three-component keteneimine formation. D. Coffinier, L. El Kaim, L. Grimaud, *Org. Lett.* **2009**, 11, 1825-1827.
- 65- Unconventional oxazole formation from isocyanides. Aurélie dos Santos, Laurent El Kaïm, Laurence Grimaud, Caroline Ronsseray, *Chem. Comm.* **2009**, 3907-3909.
- 66- “Isocyanide-free” Ugi reactions. Laurent El Kaïm, Laurence Grimaud, Aurélie Schiltz, *Org. Biomol. Chem.* **2009**, 7, 3024.
- 67- One-pot synthesis of oxazoles using isocyanide surrogates. Laurent El Kaïm, Laurence Grimaud, Aurélie Schiltz, *Tetrahedron Lett.* **2009**, 50, 5235-5237.
- 68- Ugi-Smiles Couplings: New Entries to N-Aryl Carboxamide Derivatives. Laurent El Kaïm, Laurence Grimaud, *Mol. Div.* **2010**, 14 , 855-867.
- 69- Four-component Synthesis of Imidazolium-fused Heterocycles from Ugi-Smiles Couplings. Anaëlle Barthelon, Xavier-Frédéric Legoff, Laurent El Kaim, Laurence Grimaud, *Synlett*, **2010**, 153-157.
- 70- New xanthate-based radical cyclization onto alkynes. Laurent El Kaïm, Laurence Grimaud, Luis D. Miranda, Emilie Vieu, M.-Angeles Cano-Herrera and Karel Perez-Labrada, *Chem. Commun.* **2010**, 46, 2489-2491.
- 71- 1,2,4-Triazole synthesis via amidrazones. Laurent El Kaim, Marion Gizzi, Laurence Grimaud *Synlett* **2010**, 1771-1774.
- 72- Towards new pyrrolo[2,3-d]pyrimidines scaffolds. El Kaim Laurent , Grimaud Laurence, Wagschal Simon *J. Org. Chem.* **2010** 75, 5343-5346
- 73 - Efficient Synthesis of Azaspirodienones by Microwave-Assisted Radical Spirocyclization of Xanthate-Containing Ugi Adducts. Gamez-Montano, Rocio; Ibarra-Rivera, Tannya; Kaim, Laurent El; Miranda, Luis D. *Synthesis* **2010**; 1285-1290.
- 74- Ugi-Smiles couplings in water. Laurent El kaim, Laurence Grimaud, Srinivas R. Purumandla, *Tetrahedron Lett.* **2010**, 51, 4962-4964.
- 75- Three-component Fischer indole synthesis. Laurent El Kaim, Laurence Grimaud, Caroline Ronsseray *Synlett* **2010**, 2296-2298.
- 76- A new pyridine synthesis from azoenamines. Didier Coffinier, Laurent El Kaim, Laurence Grimaud, Simon Hadrot, *Tetrahedron Lett.* **2010**, 51, 6186-6188.
- 77- Nef-Perkow access to indolizine derivatives. D. Coffinier, L. El kaim, L. Grimaud, *Synlett* **2010**, 2474-2476.
- 78- Ammonia in Ugi-Smiles and Ugi Couplings. A. Barthelon, L. El Kaim, M. Gizzi, L. Grimaud, *Synlett* **2010**, 2784-2788.

- 79- Isonitriles et réactions multicomposants. L. El kaim, J. Zhu, Sciences et Techniques de l'Ingénieurs, 2010.
- 80- Smiles cascades towards heterocyclic scaffolds. L. El Kaim, L. Grimaud, X. F. Le Goff, A. Schiltz *Org. Lett.* **2011**, 13, 534-536.
- 81- Palladium catalyzed ring opening of furans as a route to α,β -unsaturated aldehydes. L. El Kaim, L. Grimaud, S. Wagschal, *Chem. Communication*, **2011**,47, 1887-1889.
- 82- Multicomponent Synthesis of Fused Benzimidazolopiperazines. El Kaim, L.; Grimaud, L.; Purumandla, S. R. *J. Org. Chem.* **2011**, 76, 4728-4733.
- 83- A new multicomponent reaction for the synthesis of pyridines via cycloaddition of azadienes and ketenimines. Coffinier, D.; El Kaim, L. Grimaud, D. *Tetrahedron Lett.* **2011**, 52, 3023-3025.
- 84- Straightforward four-component access to spiroindolines. El Kaïm,L. ;Grimaud,L. ; Le Goff, X-F. ; Menes-Arzate, M. ; Luis D. Miranda *Chem. Communication* **2011**, 47, 8145-8147.
- 85- Copper-catalyzed aerobic oxidative cyclization of hydrazones to pyrazolidinones. Dos Santos, A. ; El Kaïm, L. ;Grimaud, L. ; Ronsseray, C. *Eur. J. Org. Chem.* **2011**, 17, 3117-3121.
- 86- Allyl and benzyl dance under basic conditions. Laurent El Kaïm*, Laurence Grimaud*, Srinivas Reddy Purumandla, *Synlett* **2011**, 1816-1820.
- 87- Phosphite mediated synthesis of benzimidazoles: a one-pot 4-component approach from nitrophenols, Laurent El Kaïm*, Laurence Grimaud*, Srinivas Reddy Purumandla *Eur. J. Org. Chem.* **2011**, 6177-6180.
- 88-Copper-triggered oxidative cascade as Ugi post-condensation towards pyrazoles Aurélie Dos Santos, Laurent El Kaïm*, Laurence Grimaud* and Caroline Ronsseray *Beilstein J Org. Chem.* **2011**, 7, 1310-1314.
- 89-Three-component strategy towards 5-membered heterocycles from isocyanide dibromides. El Kaïm, L.; Grimaud, L.; Pravin, P. *Org. Lett.* **2011**, 13, 1261-1263.
- 90- A Density Functional Theory Study of the Nef-Isocyanide Reaction: Mechanism, Influence of Parameters and Scope. N. Chéron, L. El Kaïm, L. Grimaud, P. Fleurat-Lessard, *J. Phys. Chem. A*, **2011**, 115, 10106-10112.
- 91- Evidences for the Key-Role of Hydrogen Bonds in SnAr. N. Chéron, L. El Kaïm, L. Grimaud, P. Fleurat-Lessard, *Chem. Eur. J.* **2011**, Vol 17, 14929-14934.
92. Xanthate Based Radical Cascade Toward Multicomponent Formation of Pyrrolopyrimidines. El Kaïm, L.; Grimaud, L.; Pravin, P. *Molecules* 2011, 16, 9261-9273.
93. Four-component synthesis of indazole through Ugi-azide coupling. Laurent El Kaïm*, Laurence Grimaud*, Srinivas Reddy Purumandla, *Synlett*, 2012, 23, 295-297.
94. Ugi-Smiles coupling of thiouracil derivatives towards 2,4-diamino pyrimidines. Madjid Ait Sidhoum, Laurent El Kaïm, Laurence Grimaud, *Synlett*, in press
95. Palladium catalyzed ring-opening of aminocyclopropyl Ugi adducts. Aurélie Dos Santos, Laurent El Kaïm, Laurence Grimaud, Romain Ramozzi, *Synlett* **2012**, 23, 438-442.

96. Ugi-Smiles couplings of 4-substituted pyridine derivatives: a fast access to chloroquine analogues. Laurent El Kaïm, Laurence Grimaud, Patil Pravin. *Org. Lett.*, in press.

97. Challenging 50 Years of Established Views on Ugi Reaction: A Theoretical Approach. Nicolas Chéron, Romain Ramozzi, Laurent El Kaïm, Laurence Grimaud, Paul Fleurat-Lessard *J. Org. Chem.* **2012**, *77*, 1361–1366.

COMMUNICATIONS, CONFERENCES

- 1- JCO, Septembre 1995
- 2- ESPCI, Nouvelles applications de la chimie des isonitriles, mai 1995.
- 3- Polytechnique, Octobre 1998, Nouvelle chimie des isonitriles et hydrazones.
- 4- 25/03/99: New Ugi reaction of nitro compounds , Communication orale, Congrès ACS (Anaheim-Californie).
- 5- 25/03/99: Trichloroacylhydrazones: new alkylating agents. Communication orale, Congrès ACS (Anaheim-Californie).
- 6- 27/05/99: Nouvelles réactions des isonitriles et des hydrazones. Conférences Société Française de Chimie, Zénéca (Reims).
- 7- 02/08/99: New pyrazoles formation. Communication, Congrès international de chimie hétérocyclique (Vienne).
- 8- 02/02/2000: Trichloroacyl hydrazones in heterocyclic chemistry, L. El Kaim Communication orale, Congrès Transméditerranée de Chimie Hétérocyclique (TRAMECH) (Marseille).
- 9- 03/02/2000: New aminopyrazole formation by [4+1] cycloaddition, L. El Kaim, Congrès Transméditerranée de Chimie Hétérocyclique (TRAMECH) (Marseille).
- 10- 07/03/2000: Trichloroacylhydrazones: from tertiary amines to hétérocycles, L. El Kaim Conférence invité, Congrès international, Beyrouth, Liban.
- 11- 05/02/2002 : Application of α -nitrohydrazones to the formation of triazoles and pyrroles. L. Grimaud, L. El kaim, communication, Congrès international de chimie hétérocyclique, Louxor, Egypte.
- 12- 05/02/2002 : The Mannich reaction of hydrazones in the synthesis of heterocyclic compounds. L. El Kaim, conférence invité, Congrès international de chimie hétérocyclique, Louxor, Egypte.
- 13- 07/06/2002 : The Mannich reaction of hydrazones in the synthesis of heterocyclic compounds. L. Grimaud, communication, TRAMECH, Bari, Italie.
- 14-15/04/2003 : Multicomponent reactions from nitro chemistry to the Mannich reaction of hydrazones. L. El Kaim, conférence invité, Gènes, Italie.
- 15-16/04/2003 : New multicomponent reactions between hydrazones, trimethylaluminum and aldehydes. C. Tirla, L. Grimaud, L. El Kaim, communication, Gènes, Italie.

- 16-07/07/2003 : Selective domino RCM/CM réactions between enynes and electron deficient alkenes. F. Royer, L. Grimaud, communication, Kompaa Symposium, Finlande.
- 17-07/07/2003 : Azaenamine behavior of hydrazones in Mannich and aldol reaction. Access to quinolines and aminohydroxy compounds, V. Michaut, L. El kaim, L. Grimaud, Kompaa Symposium, Finlande.
- 18-07/09/2003 : Etude de la réaction domino RCM/CM ène-yne vers la synthèse totale de la Paulitine. L. Grimaud, F. Royer, communication, GECO, Villers Sur Mer, France.
- 19-06/04/2004 : Application of isocyanides additions to perchloro- and perfluoroanhydrides. L. Gaultier, E. Vieu, L. El Kaim, L. Grimaud, communication, New trends in medicinal multi-component reactions, Moscou.
- 20-06/04/2004 : Activation of NH-compounds with alanes. New alkyl transfer with hydrazones and carbamates. C. Tirla, A. Lee, L. El Kaim, L. Grimaud, communication, New trends in medicinal multi-component reactions, Moscou.
- 21-14/03/2005: Nouvelles réactions des hydrazones et dérivés nitrés. Séminaire, Université Toulouse.
- 22- 30/08/05: Nouveaux couplages des alanes avec les hydrazones et les carbamates. Laurent El kaim, Laurence Grimaud, Cornelia Tirla. GECO, 28/08/05-03/09/05, Carry le Rouet.
- 23- 25/10/05: New reactivity of hydrazones and isocyanides. Séminaire. UCSD, San Diego, US.
- 24- 28/10/05: New reactivity of hydrazones and isocyanides. Séminaire. UNAM, Mexico.
- 25-04/05/06 :Isonitriles précurseurs de dicétopipérazines et pyrrolidinones polycycliques, Communication orale, L. El Kaim, L. Gautier, L. Grimaud, RCOM, Marseille
- 26-04/05/06 :Nouvelle réaction multicomposant : Ugi-Smiles, Communication orale, L. El Kaim, L. Gautier, L. Grimaud, RCOM, Marseille.
- 27-13/06/06 :Phenol-Ugi-Smiles-Systems: New multicomponent arylation and heteroarylation of primary amines with phenols and isocyanides. L. El Kaim, M. Gizolme, L. Grimaud, J. Oble, IUPAC congress, Merida, Mexico.
- 28-13/06/06 :Ugi reaction and xanthate radical cyclization. E. Vieu, L. El kaim, L. Grimaud, L.D. Miranda, IUPAC congress, Merida, Mexico
- 29- 23/06/06: Nouvelles réactions des isonitriles et hydrazones, application à la synthèse hétérocyclique. Séminaire, Sanofi-Aventis, Montpellier.
- 30- 10/07/06: O-arylatives Passerini reactions. M. Gizolme, L. El Kaim, L. Grimaud; Poster, 3rd international conference on multicomponent reactions.9/07/06-13/07/06, Amsterdam,
- 31- 12/07/06: Phenol-Ugi-Smiles systems: New efficient MCR of isocyanides. L. El Kaim, L. Grimaud, J. Oble; Poster, 3rd international conference on multicomponent reactions.9/07/06-13/07/06, Amsterdam,

32-30/11/06: Laurent El Kaim. Séminaire, ICO, Orléans. « Nouvelles réactions des isonitriles et hydrazones ».

33-14/12/06: Laurent El kaim. Séminaire, Faculté de pharmacie, Paris V. "Isonitriles, hydrazones et réactions multicomposant: application à la synthèse hétérocyclique."

34-17/02/07 : New applications of isocyanides in heterocyclic synthesis. L. El Kaim, conférence invitée, Congrès international de chimie hétérocyclique IbSina, Louxor, Egypte.

35-8/03/07 : L. Grimaud. Séminaire, Grenoble I. « Réactions multicomposants et métathèses ».

36-31/08/07 : « Smiles rearrangement and isocyanide chemistry ». L. El Kaïm, M. Gizolme, L. Grimaud, J. Oble. Communication orale. International symposium on Advanced Synthetic and Medicinal Chemistry, 27/08/07-31/08/07, Saint-Pétersbourg.

37-31/08/07 : Couplages Ugi et Passerini-Smiles. L. El Kaïm, M. Gizolme, L. Grimaud, J. Oble. Communication orale, GECCO 48, Bordeaux.

38-17/09/07 : J. Oble, L. El Kaim, L. Grimaud, « Le couplage Ugi-Smiles ». Communication orale. JCO, Palaiseau.

39-03/10/07 : New couplings with isocyanides, L. El Kaim, conférence invitée, Discovery Chemistry Congress, San Francisco, USA.

40-05/10/07: Developing new reactions with nitro, hydrazones and isocyanide derivatives, L. El kaim, Séminaire, University of California Riverside.

41-08/10/07: Developing new reactions with nitro, hydrazones and isocyanide derivatives, L. El Kaim, Séminaire, Santa Cruz University, USA.

42-10/10/07: New applications of multicomponent couplings with isocyanides, L. El Kaim, séminaire, Eli Lilly, Indianapolis, USA.

43-10/10/07: New applications of multicomponent couplings with isocyanides, L. El Kaim, séminaire, Abbott , Chicago, USA.

44-09/11/2007 : Laurent El Kaim. Séminaire, Université Paul Cézanne, Marseille. Isonitrile et réactions multicomposants

45-17/09/2008: Laurent El Kaim. Séminaire, VU University Amsterdam, "Isocyanides and the multicomponent game".

46-13/10/2008 : Laurent El Kaim. Séminaire, Guanajuato Universidad, Mexique, "New multicomponent reactions of Isocyanides".

- 47-15/10/2008 : Laurent El Kaim. Séminaire, UNAM Mexico, "Isocyanides and the multicomponent game".
- 48-14/12/2008: "New Heterocycles from Isocyanides" Laurent El kaim, conférence invité, Congrès international de chimie hétérocyclique, Louxor, Egypte.
- 49- El Kaim, L. 2/7/09, conférence invitée : From Ugi and Nef reactions to new multicomponent couplings of isocyanides, 8^o Encontro Nacional de Química Orgânica, 1-3 juillet 2009, Universidade de Aveiro, Portugal.
- 50- El Kaim, L. conférence invitée : From Ugi-Smiles couplings to Nef reaction of isocyanides, congrès MCR, 25-28 mai 2009, Ekaterinburg, Russie.
- 51-El Kaim, L., Grimaud, L. "Ugi and Nef reactions at ENSTA", Conférence, 12/11/09, Syngenta, Suisse.
- 52-D. Coffinier, El Kaim, L., Grimaud, L., Poster, « New imidazole and benzotriazole libraries from the Ugi-Smiles coupling of o-nitrophenol and isocyanides » Tetrahedron Symposium, 23-26 juin 2009, Paris.
- 53-D. Coffinier, El Kaim, L., Grimaud, L., Poster, "Multicomponent reactions involving isocyanides, acyl chlorides and trialkylphosphite ». Tetrahedron Symposium, 23-26 juin 2009, Paris.
- 54-El Kaim, L., Gizzi, M., Grimaud, L., Poster, Tetrahedron Symposium, 23-26 juin 2009, Paris.
- 55-Barthelon, A., El Kaim, L., Grimaud, L., Poster : Original synthesis of fused imidazolium salts, Tetrahedron Symposium, 23-26 juin 2009, Paris.
- 56-El Kaim, L., Grimaud, L., Wagschal, S., Poster : Three component Nef-Huisgen access to 1,2,4-triazoles. Tetrahedron Symposium, 23-26 juin 2009, Paris.
- 57-El Kaim, L., Grimaud, L., Ronsseray, C., Poster : Unconventional Oxazole formation from isocyanides and acyl chloride, Tetrahedron Symposium, 23-26 juin 2009, Paris.
- 58-El Kaim, L., Grimaud, L., Schiltz, A., Poster : IMCR"without isocyanides" Tetrahedron Symposium, 23-26 juin 2009, Paris.
- 59-El Kaim, L. "Réaction de Nef et couplages multicomposants d'isonitriles". Communication orale, GECCO, août 2009, Obernai, France.
- 60-El Kaim, L. 20/01/2010. Séminaire. Université de Poitiers : "isonitriles et couplages multicomposants, nouveaux outils pour la synthèse hétérocyclique"
- 61-El Kaim, L. "Isocyanide based multicomponent reactions: a curiosity-driven approach towards the development of new reactions". Conférence invite: Franco-American chemical society, 6-9 juin 2010 Obernai.
- 62- El Kaim, L. " Mechanistic insights into isocyanide chemistry: from old reactions to new multicomponent couplings". 2/07/2010. Séminaire. Parc Cientific Barcelona, Spain.

- 63-Four-Component couplings towards amino quinoline derivatives. P. Pravin, L. El Kaim, L. Grimaud. Journées de Chimie Organique, JCO 2010, 21/09/10-23/09/10, Palaiseau, France.
- 64-Etude expérimentale et théorique des réactions de type Ugi. L. El Kaim, P. Fleurat-Lessard, L. Grimaud, R. Ramozzi. Journées de Chimie Organique, JCO 2010, 21/09/10-23/09/10, Palaiseau, France.
- 65-Unconventional Oxazole Formation from Isocyanides and Acyl Chlorides. L. El Kaim, L. Grimaud, C. Ronsseray. Journées de Chimie Organique, JCO 2010, 21/09/10-23/09/10, Palaiseau, France.
- 66-Etude théorique de la réaction de Nef : mécanisme, influence des paramètres et extension de la réaction. N. Chéron, P. Fleurat-Lessard, L. El Kaïm, L. Grimaud, 12èmes Rencontres des Chimistes Théoriciens Francophones, Facultés Universitaires Notre-Dame de la Paix, 4/07/10-8/07/10, Namur, Belgique.
- 67- El Kaim, L. "Isocyanide based multicomponent reactions for heterocyclic synthesis" Conférence invitée: International congress of the Indian Society of Chemists and Biologists ISCB2011, Rajkot 4-7.02.2011.
- 68-El Kaim, L. "New approaches towards isocyanides based multicomponent reactions" Conférence, Pune University (Inde), 11.02.2011.
- 69-El Kaim, L. "From isocyanides based multicomponent reactions to new heterocyclic synthesis" Conférence, IICT, Hyderabad (Inde), 09.02.2011.
- 70-New straightforward access to indoles. C. Ronsseray, L. El Kaim, L. Grimaud. Poster, Journées Marie Curie, ESPCI, 31/01/2011-01/02/2011, Paris, France.
- 71-Through the mechanism of Ugi-type reactions. L. El Kaim, P. Fleurat-Lessard, L. Grimaud, R. Ramozzi. Poster (Prix poster), Journées Marie Curie, ESPCI, 31/01/2011-01/02/2011, Paris, France.
- 72- New multicomponent access to indole alkaloids. L. El Kaïm, L. Grimaud, M. Menes-Arzate ; L. D. Miranda. Poster, RCO, 30/03/2011, Versailles, Paris.
- 73- Three-Component Strategy towards 5-membered Heterocycles from Isocyanide Dibromides. L. El Kaïm, L. Grimaud, P. Pravin, Poster, RCO, 30/03/2011, Versailles, Paris.
- 74- Through the mechanism of Ugi-type reactions. L. El Kaim, P. Fleurat-Lessard, L. Grimaud, R. Ramozzi. Poster, RCO, 30/03/2011, Versailles, Paris.
- 75- L. El kaim "Teaching old dogs new tricks in isocyanide based multicomponent reactions". Plenary Conference. *18 ème journée IRPF de chimie. Abbaye-Ecole de Sorèze 17/06/2011*
- 76- L. El Kaim "Metal triggered cyclization of Ugi and Ugi-Smiles adducts". Communication orale, GECCO, août 2011, Aber Wrach, France.
- 77-L. El Kaim "Ugi reactions as a tool to explore new reactivities". Seminar. University of Gent, Belgium, 11/10/2011.

78- L. El Kaim “Ugi reactions as a tool to explore new reactivities”. Seminar. University of Leuven, Belgium, 12/10/2011.