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Boulevard Mohammed V
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Date of Birth: March 09, 1968.
Citizenship: Algeria

EDUCATION

Certified Expertise in Alzheimer's disease by the Mayo Clinic High Scientific Council
Jacksonville, Florida 1999.
USA

Ph.D., Organic Chemistry
Louis Pasteur University, 1992
Strasbourg, France
Director: Pr. G. Solladie

M.S., Molecular and Supramolecular Organic Chemistry
Louis Pasteur University, 1990
Strasbourg, France
Director: Pr. G. Solladie

B.S., Chemistry
INES Hydraulique, 1989
Tlemcen, Algeria

RESEARCH EXPERIENCE

Abou Bekr Belkaid University **December 2002 to the present time**
Tlemcen, ALGERIA
Full Professor

Mayo Clinic Jacksonville, Florida **September 1997 to September 2001**
Research Associate/Co-Manager of the Core chemistry:

Laval University **January 1994 to December 1994**
Department of Chemistry
Quebec (Ste- Foy), Canada
Post-doctoral Research Fellowship with Dr J. BOUKOUVALAS.

University of Alabama **January 1993 to December 1993**
Tuscaloosa, Alabama
Post-doctoral Research Fellowship with Dr J.K.CHA.

Louis Pasteur University **June 1989 to November 1992**
Strasbourg, France
Ph.D Thesis under the supervision of Pr Guy SOLLADIE.

INES Hydraulique
Chemistry Dept
Tlemcen, Algeria
B.S.Chemistry

March to June 1989

ACADEMIC EXPERIENCE

Abou Bekr Belkaid University
Chemistry Department
Tlemcen, ALGERIA
Assistant professor since 2002 then full professor since 2012.

December 2002 to the present time

University of North Florida
Natural Sciences Dept
Jacksonville, Florida
Adjunct Faculty / Lecturer

August 1997 to May 1999

Florida Community College at Jacksonville:
Week-end College
Jacksonville, Florida
Adjunct Faculty / Lecturer.

January 1997 to September 2001

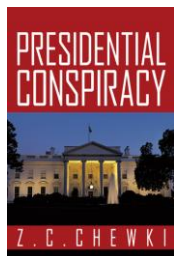
American Institute for Research and Development
Westfield, Massachusetts
Scientific Consultant.

March 1995 to December 1996

HONORS AND AWARDS

- 1990-92 Louis Pasteur Predoctoral Scholarship, France.
1993 NIH Postdoctoral Fellowship, USA.
1994 World Health Organization Postdoctoral Fellowship, Canada.
1999 Reviewer for "Chemistry, The molecular Nature of Matter and Change" by Martin S. Silberberg
Second Edition, 2000, McGraw Hill Publishing Co.
Reviewer for "Chemistry " by Raymond Chang
Sixth Edition, 2000, McGraw Hill Publishing Co.
2009 Presidential Lecture, Algeria

NON-SCIENTIFIC PUBLICATIONS



Presidential Conspiracy
By Z.C.Chewki
Published: April 2011
Format: Perfect Bound Softcover (B/W)
Pages: 172
Size: 6x9
ISBN: 9781456776589

SCIENTIFIC PUBLICATIONS

1. "Asymmetric Synthesis of C-1-C-8 Fragment of Leukotriene B4 and C-11-C-20 Fragments of Leukotriene B4 and 12(S)-hydroxy-5,8, 14(E) Eicosatetraenoic Acid."
Guy Solladie, Chafiq Hamdouchi, Chewki Ziani-Cherif.
Tetrahedron Asymmetry. vol 2, No.6, pp457-469 (1991).
2. "Total Synthesis of (-)-(R)-Yashabushiketol . "
Guy Solladie, Chewki Ziani-Cherif, Francis Jesser.
Tetrahedron Letters, Vol 33, pp931-934 (1992).
3. "Total Synthesis of Natural Gingerols, the Three Active Principles of Ginger "
Guy Solladie, Chewki Ziani-Cherif
J. Org. Chem. vol. 58, pp2181-2185 (1993).
4. "New [4+3] Cycloaddition Approach to Cis-2,8-Disubstituted Oxocanes "
Heejin Kim, Chewki Ziani-Cherif, Jonhoon Oh and Jin Kun Cha
J.Org. Chem. vol 60, pp792-793 (1995)
5. "Synthesis of (S)- and (R)- enantiomers of p-(4-Hydroxybenzoyl)phenylalanine, useful photoaffinity labeling probes for peptide-protein binding sites "
Abdul H. Fauq, Chewki Ziani-Cherif and Elliott Richelson
Tetrahedron Asymmetry. vol 9, pp 2333-2338 (1998)
6. "Peptide nucleic acids targeted to angiotensinogen lower mRNA levels, blood pressure and angiotensin I levels in rats"
Tyler-McMahon,B.M., Stewart,J.A., Jansen,K., Ziani-Cherif,C., Fauq,A., E.Richelson
Journal of Clinical Pharmacology. vol 40, p1048 (2000)
7. "Molecular Targets for the inhibition of A β production"
Chris McLendon, Paul Murphy, Chewki Ziani-Cherif, Abdul Fauq, Todd E Golde
Neurobiology of Aging, Vol21, Suppl.1, p180 (May-June 2000)
8. "Cell Free Assays For γ -Secretase Activity"
Chris. McLendon, TianPei Xin, Chewki Ziani-cherif, M. P. Murphy, Kirk A. Findlay, Patrick A. Lewis, Inga Pinnix, Kumar Sambamurti, Rong Wang, Abdul Fauq, Todd E. Golde
FASEB Journal, vol 14, pp 2383-2386 (2000)
9. "A novel Gamma Secretase assay Based on detection of the Putative C-Terminal Fragment-Gamma Of APP"
Inga Pinnix, Usha Musunuru, Han Tan, Arati Skidharan, Todd E. Golde, Christopher Eckman, Chewki Ziani-Cherif, Luisa Onstead, Kumar Sambamurti
Journal of Biological Chemistry, vol 276: (1), pp481-487 (2001).
10. "[4 + 3] Cycloaddition of aminoallylcations with 1,3-dienes: 11-oxatricyclo[11-Oxatricyclo[4.3.1.1]undec-3-en-10-one,(1 α ,2 β ,5 β ,6 α)-]"
Jonhoon Oh, Chewki Ziani-Cherif, Jong-Ryoo Choi, and Jin Kun Cha
Organic Syntheses, Coll. Vol. 10, p.584 (2004); Vol. 78, p.212 (2002).

11. " Peptide-based, irreversible inhibitors of γ -secretase activity."
Siân C. Piper, Zareen Amtul, Laura Galiñanes-Garcia, Victor G. Howard, Chewki Ziani-Cherif, Chris McLendon, Marjorie J. Rochette, Abdul Fauq, Todd E. Golde, M. Paul. Murphy.
Biochemical and Biophysical Research Communications, vol 305, pp529-533 (2003)
12. " Gamma-Secretase as a Pharmacological Target in Alzheimer Disease Research. When, Why and How ? " Review
Chewki Ziani-Cherif, Bachir Mostefa-Kara, Fatima Z. Brixi-Gormat.
Current Pharmaceutical Design, vol 12 : (33), pp4313-4335 (2006)
13. " Base-promoted Reactions in Ionic Liquid Solvent: Synthesis of Butenolides."
Didier Villemin, Bachir Mostefa-Kara, Nathalie Bar, Nouredine Choukchou-Braham, Nawel Cheikh, Amel Benmeddah, Hassan Hazimeh and Chewki Ziani-Cherif.
Letters in Organic Chemistry, vol 3: (7), pp558-559 (2006)
14. " Theoretical Study of the Inhibition of β -Secretase."
I.Abdelli, S.Sari, C.Ziani-Cherif and S.Ghalem
Asian Journal of Chemistry, Vol 19, No.7, pp5407-5416 (2007)
15. "New Chemical Tools for the assessment of Hemolytic Anemia Induced by Naphtoquinones"
B. Mostefa-Kara, C. Ziani-Cherif, M. Benabdallah, N.M. Rahmoun, D. Villemin, N. Choukchou-Braham and K. Boucherit
Der Pharma Chemica, Vol 2, No.1, pp 14-21 (2010)
16. "Antimicrobial Screening of the Algerian *Lawsonia Inermis* (henna)"
M.N.Rahmoun, M.Benabdallah, D. Villemeim, K.Boucherit, B.Mostefa-Kara, C.Ziani-Cherif and N.Choukchou-Braham
Der Pharma Chemica, Vol2, No.6, pp320-326 (2010)
17. "Chemical Composition and Antifungal Activity of Aleppo Pine Essential Oil"
Journal of Medicinal Plants Research vol. 5(22), pp.5433-5436, (2011).
Abi-Ayad M., Abi-Ayad F.Z., Lazzouni H.A., Rebiahi S.A., Ziani-Cherif C., Bessiere
18. "Out of Africa. Algeria is an unknown hotbed of chemistry. Andrew Warmington & Chewki Ziani-Cherif.
Specialty Chemicals Magazine. Feb 2013 Online Issue.
19. Synthesis, Characterization, and Catechol Oxidase Activity of Cu (II) Complexes Derived from New Imidazolidine Derivatized Ligands.
Proceeding of 2015 2nd Int'l Conference on Advances in Chemical, Biological & Environmental Engineering (ACBEE-2015). *Dubai, December 25-26, 2015*. ISBN 978-93-84422-49-3

COMMUNICATIONS (ORAL and POSTERS) and LECTURES

20. "Synthèse d'Aldols Naturels par Utilisation de Sulfoxydes Optiquement Actifs"
Chewki Ziani-Cherif

Research Seminar program. Strasbourg, March 18th, 1992

- 21.** “A Practical and Stereoselective Synthesis of (+)-(S)-Gingerol Family.”
Guy Solladie and Chewki Ziani-Cherif
18th IUPAC Symposium on the Natural Product Chemistry.
Strasbourg, France. August 30 to September 4th, 1992
- 22.** “Pharmacokinetics and Tissue Distribution of Peptide Nucleic Acids after Intravenous Administration”
Beth Tyler, Karen Jansen, Jennifer A. Stewart, Chewki Ziani-Cherif, Abdul Fauq and Elliott Richelson
Millennium Conference on Nucleic Acid Therapeutics.
Clearwater Beach, Florida, USA. January 8-11, 2000
- 23.** “Peptide Nucleic Acids Targeted to Angiotensinogen Lowers Blood Pressure and angiotension I Plasma levels in Spontaneous Hypertensive Rats”
Beth Tyler, Karen Jansen, Jennifer A. Stewart, Chewki Ziani-Cherif, Abdul Fauq and Elliott Richelson
Millennium Conference on Nucleic Acid Therapeutics.
Clearwater Beach, Florida, USA. January 8-11, 2000
- 24.** “Reversible and Irreversible Inhibitors of γ -Secretase Activity “
M.P. Murphy, C. Ziani-Cherif, K.A. Findlay, D.C. McLendon, P.A. Lewis, P. Das, T.E. Smith, R. Wang, A. Fauq, T.E. Golde
Society For Neuroscience, 30th Annual Meeting, New Orleans, Louisiana, November 4-9, 2000
- 25.** “Synthèse, Etude physico-chimique et Théorique de la chélation du Nickel (II) par Oligopeptides”
N. Merad, C. Ziani-Cherif, S. Ghalem
Colloque International Chimie Moléculaire et Molécules Bioactives, Meknes, Morocco, May 4-5, 2006
- 26.** “Contribution à l’Elucidation de l’Inhibition Compétitive de l’Interaction Enzyme-Substrat par Modélisation Moléculaire”
I. Abdelli, S. Sari, N. Khebichat, C. Ziani-Cherif, S. Ghalem
Colloque International Chimie Moléculaire et Molécules Bioactives, Meknes, Morocco, May 4-5, 2006
- 27.** “Synthèse de Molécules Thérapeutiques Traitant la Maladie D’Alzheimer”
F.Z. Brix-Gormat, C. Ziani-Cherif, B. Mostefa-Kara, P. Murphy
Algerian Chemical Society, 7th Annual Meeting, Oran, Algeria. May 16-18, 2006
- 28.** “KF/Al₂O₃ Mediated $\Delta^{\alpha,\beta}$ -Butenolides Synthesis“
A. Benmeddah, N. Cheikh, M. Benabdellah, B. Mostefa-Kara, N. Choukchou-Braham, C. Ziani-Cherif, D. Villemin
10ièmes Journées Algériennes de Catalyse, Tlemcen, Algeria.
May 14-15, 2007
- 29.** “Les liquides ioniques, Nouveau milieu réactionnel pour la synthèse des $\Delta^{\alpha,\beta}$ -Buténolides “
N. Cheikh, M. Benabdellah, B. Mostefa-Kara, N. Choukchou-Braham, C. Ziani-Cherif, D. Villemin.
Premier Colloque International de Chimie, Batna, Algeria
November 21-23, 2007
- 30.** « Synthèse d’acides peptido-nucléiques en phase solide. Application en thérapie génique. »
Chewki Ziani-Cherif
VII Symposium de chimie organique, Industrielle et Pharmaceutique. Tlemcen, Algeria

December 13-14, 2008

- 31.** « Recent Advances in the Chemistry and Biology of Alzheimer Disease »
Chewki Ziani-Cherif
International Symposium on Catalysis and Specialty Chemicals, Tlemcen Algeria. September 23-26th, 2012.
- 32.** « Recent Advances in Alzheimer Disease Research – Knowing the Gamma-Secretase structure is the Key »
Chewki Ziani-Cherif
International Conference on Psychology, Autism and Alzheimer's Disease. September 30-October 01, 2013. San Antonio, Texas, USA.
J. Alzheimers. Dis.Parkinsonism, 2013, 3:4. <http://dx.doi.org/10.4172/2161-0460.S1.004>
- 33.** «Synthesis of new Glycopeptides for therapeutic aim».
Selka Ayyoub, Ghania Ferouani, Chewki Ziani-Cherif.
IInd International Congress of Biotechnology and Bio-resources Valorization. March 21-23, 2014, Tabarka, Tunisia.
- 34.** «An approach to the synthesis of a triazole analogue of pristinamycin IIB using click chemistry».
Ghania Ferouani Ayyoub Selka, Chewki Ziani-Cherif, Bachir Mostefa-Kara, Salima Benzerjeb.
Ist International Congress of Biototoxicology and Bioactivity. November 26-27, 2014, Oran, Algeria.
- 35.** «Synthèse de dimères peptidiques à base de resorcinol pour application à la thérapie de la maladie d'Alzheimer».
Selka Ayyoub, Ghania Ferouani, Chewki Ziani-Cherif.
Ist International Congress of Biototoxicology and Bioactivity. November 26-27, 2014, Oran, Algeria.
- 36.** «A new Strategy for the synthesis of virginiamycin M2 derivatives».
Ghania Ferouani Ayyoub Selka, Chewki Ziani-Cherif, Bachir Mostefa-Kara, Salima Benzerjeb.
4th International meeting on Chemistry. 25-27 November 2014, Batna, Algeria.
- 37.** « Pristinamycin, Glycopeptides and Alzheimer Disease. Synthetic and Therapeutic Approaches».
Chewki Ziani-Cherif. Strasbourg lectures. September 08th, 2015. Strasbourg, France.

CONFERENCE ORGANIZATION

- Meeting on the Algerian-Canadian University Partnership. February 24-26th, 2014. Tlemcen, Algeria.

- International Symposium on Catalysis and Specialty Chemicals. September 23-26th, 2012. Tlemcen, Algeria.
- 1st International Conference on Environmental Thermodynamics and Sustainable Development –CITEDD'2008
Tlemcen, Algeria. May 6-8th, 2008
- 10ièmes Journées Algériennes de Catalyse, Tlemcen, Algeria.
May 14-15th, 2007

COLLABORATIONS

Dr. Gilles Hanquet, ECPM. Strasbourg University, France.
Pr. Khaled Belkacemi / & Dr Julie Jean. Laval University, Canada

LANGUAGES

English: highly fluent
French: highly fluent
Arabic: fluent