

# ELIAS A. COULADOUROS

## CURRICULUM VITAE

Name : Elias A. Couladouros  
Date of Birth : September 23<sup>rd</sup>, 1956  
Place of Birth : Athens  
Occupation : Professor of Organic Chemistry  
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## EDUCATION

1988–1989 Post Doctoral, University of Pennsylvania, Philadelphia P.A.  
Prof. K. C. Nicolaou  
1984 Ph.D. in Organic Chemistry, Agricultural University of Athens  
Prof. M. P. Georgiadis  
1979 B.Sc. in Chemistry, National and Kapodistrian University of  
Athens

## FIELDS

Organic Synthesis, Natural Products, Bioorganic Chemistry,  
Medicinal Chemistry, Combinatorial Chemistry

## APPOINTMENTS

2015 – Co-founder and Scientific Advisor of pro-RaD pharma-  
chemicals P.C.  
2006 – 2015 Co-founder and Scientific Advisor of pro-ACTINA S.A.  
"Advanced Chemical Technologies"  
2004 – 2006 Founder of pro-ACTINA Ltd  
1999 – Professor of Chemistry, Agricultural University of Athens,  
Chemistry Laboratory  
1997 – Visiting Researcher N.C.S.R. "Demokritos" (Set up and  
management of the Natural Product Synthesis and Bioorganic  
Chemistry Laboratory)  
1995 – 1999 Associate Professor of Chemistry, A.U.A., Chemistry  
Laboratory  
1993 – 1994 Visiting Scientist, Scripps Research Institute, CA, USA

|             |  |
|-------------|--|
| 1990 – 1995 | Assistant Professor of Chemistry, A.U.A., Chemistry Laboratory                     |
| 1990        | Visiting Professor, University of California, San Diego, USA                       |
| 1987 – 1990 | Lecturer, A.U.A., Chemistry Laboratory   |
| 1988 – 1989 | Research Associate (Post Doc.), University of Pennsylvania, Philadelphia P.A., USA |
| 1984 – 1986 | Obligatory military service: Greek Army  |
| 1980 – 1987 | Scientific Collaborator, A.U.A., Chemistry Laboratory                              |

## PUBLICATIONS - CONFERENCES

91 published articles in ICI Web of Science listed journals (h-index=27) with 3.194 citations (self-citations excluded), 13 patents, 102 participations in scientific conferences and 1 text book.

## SELECTED PUBLICATIONS

### Scientific Articles

1. "Discovery of Small-Molecule Inhibitors of Receptor Activator of NF- $\kappa$ B Ligand (RANKL) "  
Vagelis Rinotas, Athanasios Papakyriakou, Foteini Violitzi, Christos Papaneophytou, Maria-Dimitra Ouzouni, Polyxeni Alexiou, Alexandros Strongilos, Elias Couladouros, George Kontopidis, Elias Eliopoulos, Eleni Douni  
*Journal of Medicinal Chemistry*, in press, **2020**.
2. "Aqueous Solubility Enhancement for Bioassays of Insoluble Inhibitors and QSPR Analysis: A TNF- $\alpha$  Study"  
Mettou, A., Papaneophytou, C., Melagraki, G., Maranti, A., Liepouri, F., Alexiou, P., Papakyriakou, A., Couladouros, E., Eliopoulos, E., Afantitis, A., Kontopidis, G.  
*SLAS Discovery*, 23, 1, 84-93, **2018**.
3. "An unusual Michael-induced skeletal rearrangement of a bicyclo[3.3.1]nonane framework of phloroglucinols to a novel bioactive bicyclo[3.3.0]octane"  
Vidali, V. P.; Mitsopoulou, K. P.; Dakanali, M.; Demadis, K. D.; Odysseos, A. D.; Christou, Y. A.; Couladouros, E. A.  
*Org. Lett.*, 15(21), 5404-5407, **2013**.
4. "Naphtho-1,4-quinones"  
Couladouros, E. A.; Strongilos, A. T.  
In *Science of Synthesis*, Ed.: A. G. Griesbeck, Houben-Weyl Methods of Molecular Transformations, Georg Thieme Verlag, Stuttgart, NY, 28, 217-322, **2006** (Book chapter).
5. "Total Synthesis of Taxol" Nicolaou, K.C., Yang, Z., Liu, J.J., Ueno, H., Nantermet, P.G., Guy, R.K., Claiborne, C.F., Renaud, J., Couladouros, E.A., Paulvannan, K., Sorensen, E.J., *Nature*, 367 (6464), 630–634, **1994**.

## **Patents**

1. Taxoid Synthesis. Taxoids Having Aromatic Ring; Water Soluble Derivatives.  
C. F. Claiborne, E. A. Couladouros, P. G. Nantermet, K. C. Nicolaou, E. J. Sorensen,  
US Patent 576 0240, p. 14, **1998**.
2. Taxoid Synthesis. Convergent Synthesis of Systems of Intact Ring Framework of Taxol  
by Providing Activated Mono- and Bicyclic Ring Intermediates.  
C. F. Claiborne, E. A. Couladouros, P. G. Nantermet, K. C. Nicolaou, E. J. Sorensen,  
US Patent 5,481,007, p. 14, **1996**.