

Curriculum Vitae - Egodage Dilip de Silva

Present Position: Senior Professor of Organic Chemistry
University of Colombo, Sri Lanka

Present Address: Department of Chemistry
University of Colombo
P.O. Box 1490, Colombo 3, Sri Lanka
e-mail: dilip@chem.cmb.ac.lk

Bio-data: Date of Birth : August 12th, 1950
Place of Birth : Sri Lanka
Nationality : Sri Lankan
Marital Status : Married

Education: Ph.D. in Organic Chemistry 1982
University of Hawaii at Manoa, USA
Supervisor: Professor Paul J. Scheuer

Bachelor of Science Special Degree in Chemistry
Second Class Upper Division Honours 1975
University of Colombo, Sri Lanka

Honours & Awards: Open Grants Scholarship
East West Center, Honolulu, Hawaii 1977 – 1979

Department Research fellow
Department of Chemistry, University of Hawaii at Manoa
1979 – 1980 (Awarded for excellence in research)

Outstanding Teaching Assistant
Department of Chemistry, University of Hawaii at Manoa
1979 – 1980

Natural Resources Energy and Science Authority of Sri Lanka –
Merit Award for Scientific Research in Chemical Sciences – 1986
Awarded for “Chemical Investigation of Sri Lanka Soft Corals”

Sri Lanka Association for the Advancement of Science – General
Research Committee Award - 1995 Awarded for an outstanding
contribution to Sri Lankan Science

Presidential Award for Scientific Research 2002– Awarded by
President of Sri Lanka

“Professor PPGL Siriwardene Memorial Oration Gold Medal Award” Awarded by the Institute of Chemistry, Ceylon, 15th May 2007

Visiting Professor, Department of Chemistry, University of British Columbia, Vancouver, Canada

Employment:

Research Assistant
National Science Council of Sri Lanka
March 1975 – October 1975

Scientific Officer
Ceylon Institute of Scientific and Industrial Research
October 1975 – July 1976

Assistant Lecturer in Chemistry
University of Colombo, Sri Lanka
July 1976 – December 1981

Lecturer in Chemistry
University of Colombo, Sri Lanka
December 1981 – December 1987

Post-Doctoral Fellow – with Professor Paul J. Scheuer
Department of Chemistry, University of Hawaii at Manoa
July 1984 – October 1984
(on vacation leave from University of Colombo)

Visiting Assistant Professor in Chemistry
University of British Columbia, Canada
January 1986 – April 1986
(on sabbatical leave from University of Colombo)

Senior Lecturer in Chemistry
University of Colombo, Sri Lanka
December 1987 – April 1988

Visiting Assistant Professor in Chemistry
University of British Columbia, Canada
April 1988 – December 1991

Senior Lecturer in Chemistry – Grade I
Open University of Sri Lanka
January 1992 – January 1996

Associate Professor in Chemistry
Open University of Sri Lanka
January 1996 – December 1997

Visiting Scientist, Department of Chemistry
University of British Columbia, Canada
(on vacation leave from the Open University)
October 1st 1992 to December 31st 1992
March 1st 1994 to May 31st 1994
August 1st 1995 to October 31st 1995
and
September 1st 1996 to October 30th 1996

Professor of Organic Chemistry
University of Colombo, Sri Lanka
December 1997 to December 2005

Visiting Professor / Visiting Scientist, Department of Chemistry
University of British Columbia, Canada
(on leave from University of Colombo)
February 1st 1998 to March 31st 1998
May 1st 1999 to June 1st 1999
May 15th 2000 to June 30th 2000
April 1st 2001 to May 31st 2001
August 2003 to September 2003

Visiting Scholar
Department of Medicinal Chemistry
University of Utah, Salt Lake City, USA
(On leave from University of Colombo)
September 2005 to November 2005

Visiting Academic
Department of Chemistry
University of Canterbury
Christchurch, New Zealand
(On sabbatical leave from University of Colombo)
February 15th 2004 to April 30th 2005
February 20th 2006 to November 2nd 2006

Senior Professor of Organic Chemistry,
University of Colombo, Sri Lanka
December 2005 to present

**Membership in Professional Societies
And Related Activities**

Fellow, National Academy of Sciences, Sri Lanka

Fellow, Institute of Chemistry, Ceylon

Member, Sri Lanka Association for the Advancement of Science

Committee Member, Section E2, Sri Lanka Association for the
Advancement of Science 1995/1996

Member, General Research Committee, Sri Lanka Association for
the Advancement of Science 1995/1996

Secretary, General Research Committee, Sri Lanka Association for
the Advancement of Science 1996/1997

Council Member, Institute of Chemistry, 1986/1987, 1992/1993
and 1993/1994, 2007/2008

President, Section E2 - Chemical Sciences, Sri Lanka Association
for the Advancement of Science, 1999/2000

Council Member, Sri Lanka Association for the Advancement of
Science 1999/2000

Committee Member, Section E2 – Chemical Sciences, Sri Lanka
Association for the Advancement of Science 2000/2001

University Activities:

Academic Student Counselor
Faculty of Natural Sciences
Open University of Sri Lanka
1992 – 1995

Founder President, Buckyball Society of the Open University of
Sri Lanka, 1996/1997

Current Research Interests:

Isolation and characterization of novel biologically active
metabolites from marine invertebrates, terrestrial plants and fungi

Chemical Ecology of Marine invertebrates

Isolation of novel antibiotics from marine and terrestrial microorganisms

References:

Professor Raymond J. Andersen
Professor of Chemistry
Department of Chemistry
University of British Columbia
Vancouver, B.C., Canada

Professor Chris Ireland
Department of Medicinal Chemistry
University of Utah
Salt Lake City, UT 84112
USA

Publications:

1. Manoalide, An Antibiotic Sesterterpenoid from the Marine Sponge *Luffariella variabilis* (Polejaffe)
E.D. de Silva and P.J. Scheuer
Tetrahedron Lett. **1980**, 21, 1611 – 1614
2. Three New Sesterterpenoid Antibiotics from the Marine Sponge *Luffariella variabilis* (Polejaffe)
E.D. de Silva and P.J. Scheuer
Tetrahedron Lett. **1981**, 22, 3147 – 3150
3. Furanoterpenoids from the Dorid Nudibranch *Cassella atromarginata*
E.D. de Silva and P.J. Scheuer
Heterocycles **1982**, 17, 167 – 170
4. Srilankenyne, A New Metabolite from the Sea Hare *Aplysia oculifera*
E.D. de Silva, R.E. Schwartz, P.J. Scheuer and J.N. Shoolery
J. Org. Chem. **1983**, 48, 395-396
5. Studies of Australian Soft Corals xxxi: Novel Furanosesquiterpenes from Several Sinularian Soft Corals (Coelenterata, Octocorallia, Alcyonacea)
B.F. Bowden, J.C. Coll, **E.D. de Silva**, M.S.L. de Costa, P.J. Djura, M. Mahendron and D.M. Tapiolas

- Aust. J. Chem. **1983**, 36, 371 – 376
6. The Structure Determination of a New Cembranoid Diterpene from the Soft Coral *Lobophytum cristigalli* (Coelenterata, Octocorollia, Alcyonacea)
B.F. Bowden, J.C. Coll, M.S.L. de Costa, M.F. Makay, M. Mahendron, **E.D. de Silva** and R.H. Willis
Aust. J. Chem. **1984**, 37, 545 – 552
 7. Effects of Extracts of Some Sri Lanka Alcyonacean Soft Corals on the Motility of Rat Sperm *in vitro*
G.K. Liyanage, D.W. Ratnesooriya, L.M.V. Tillekeratne, M. Mahendron and **E.D. de Silva**
IRCS Med. Sci. **1986**, 721 – 722
 8. Nitrogen Bisabolone Sesquiterpenoids from Marine Invertebrates
N.K. Gulavita, **E.D. de Silva**, M.R. Hagoden, P.Karuso, P.J. Scheuer, G.D. VanDuyne and J. Clardy
J. Org. Chem. **1986**, 5136 – 5137
 9. Chemistry of Marine Organisms of Sri Lanka: Lipid and Triterpenoid Constituents of an Unidentified Holothurian
B.M.R. Bandara, A.A.L. Gunathilaka, S.D.G.S. Samaranayake, **E.D. de Silva** and L.M.V. Tillekeratne
J. Natn. Sci. Coun. Sri Lanka **1987**, 15(1), 101 – 108
 10. Lankalapuol A and B: Two *cis*-Eudesmanes from Sea Hare *Aplysia dactylomela*
B. Baker, L.Ratnepala, M.P.D. Mahindaratne, **E.D. de Silva**, L.M.V. Tillekeratne J.H. Jeong, P.J. Scheuer and K. Seff
Tetrahedron **1988**, 44, 4695 – 4701
 11. Chromodorolide A, A Rearranged Diterpene with a New Carbon Skeleton from an Indian Ocean Chromodoridae
E.J. Dumdei, **E.D. de Silva**, R.J. Anedrsen, M.I. Choudhary and J. Clardy
J. Am. Chem. Soc. **1989**, 111, 2712 – 2713
 12. Xanthyletin and Xanthoxyletin from a Gorgonian *Echinogorgia* sp.
L.M.V. Tillekeratne, **E.D. de Silva**, M.P.D. Mahindaratne, F.J. Schmitz, S.P. Gunsekera and P. Alderslade
J. Nat. Products **1989**, 52, 1303 – 1304
 13. Geodiamolides C to F, New Cytotoxic Cyclodepsipeptides from the Marine Sponge *Pseudaxina* sp.
E.D. de Silva, R.J. Andersen and T.M. Allen
Tetrahedron Lett. **1990**, 31, 489 – 492
 14. Terpenoids from Selected Marine Invertebrates

- R.J. Andersen, **E.D. de Silva**, E.J. Dumdei, P.T. Northcote, C. Pathirana and M. Tishler
Recent Advances in Phytochemistry (24) Biochemistry of Mevalonic Acid Pathway to Terpenoids **1990**, Ed. G.H.N. Towers and H.A. Stafford, 265 – 282
15. Geographical Variation in Defensive Chemicals from Pacific Coast Dorid Nudibranchs and Some Related Marine Molluscs
D.J. Faulkner, T.F. Molinski, R.J. Andersen, E.J. Dumdei and **E.D. de Silva**
Comp. Biochem. Physiol. **1990**, 97C, 233 – 240
16. Antimicrobial Constituents of a Sponge-Nudibranch Pair from Sri Lanka
N.K. Gulavita, P.J. Scheuer and **E.D. de Silva**
Bioactive Compounds from Marine Organisms, Eds. Thompson, R. Sarojini and R. Nagabhushanan
Oxford and IBH Publishing Computer. Pvt. Ltd, New Delhi **1991**, 229 – 233
17. Terpenoid Metabolites from Skin Extracts of Four Sri Lankan Nudibranchs in the Genus *Chromodoris*
E.D. de Silva, S.A. Morris, S. Miao, E. Dumdei and R.J. Andersen
J. Nat. Products **1991**, 54, 993 – 997
18. Chromodorane Diterpenes from the Tropical Dorid Nudibranch *Chromodoris cavae*
S.A. Morris, **E.D. de Silva** and R.J. Andersen
Can. J. Chem. **1991**, 69, 768 – 771
19. Neamphine, a Cytotoxic Sulfur Containing Aromatic Heterocycle, Isolated from the Marine Sponge *Neamphius huxleyi*
E.D. de Silva, J. Racock, R.J. Andersen, T.M. Allen, J. Clardy and L. Brinen
Tetrahedron Lett. **1991**, 32, 2707 – 2710
20. Motuporin, A Potent Protein Phosphatase Inhibitor Isolated from the Papua New Guinea Sponge *Theonella swinhoei* Gray
E.D. de Silva, D.E. Williams, R.J. Andersen, Heide Kluxe, C.F.B. Holmes and T.M. Allen
Tetrahedron Lett. **1992**, 33, 1561 – 1564
21. Trididemnic Acids A and B, Aromatic Alkaloids from the Northeastern Pacific Ascidian *Trididemnum* sp.
E.D. de Silva, S. Miao, R.J. Andersen and J. Clardy
Tetrahedron Lett. **1992**, 33, 2917 – 2920
22. New Natural Products from Marine Invertebrates
R.J. Andersen, D.L. Burgoyne, D.E. Williams, F. Kong, **E.D. de Silva**, S. Miao, T.M. Allen, C.F.B. Holmes, D. Chen and M. Kent
Gazzeta Chimica Italiana **1993**, 123, 293 – 299

23. Cytotoxic Peptides from the Marine Sponge *Cymbastela* sp.
J.E. Coleman, **E.D. de Silva**, F. Kong, R.J. Andersen and T.M. Allen
Tetrahedron **1995**, 51 (39), 10653 – 10662
24. Cytotoxic Alkaloids from the Flatworm *Prostheceraeus villatus* and its prey
Clavellina lepidiformis
J.M. Kubanek, D.E. Williams, **E.D. de Silva**, T.M. Allen and R.J. Andersen
Tetrahedron Lett. **1995**, 36 (35), 6189 – 6192
25. Ambewalamides A and B, Antineoplastic Epidithiapiperazinediones Isolated from the
Lichen *Usnea* sp.
D.E. Williams, K. Bombuwala, E. Lobkovsky, **E.D. de Silva**, V. Karunaratne, T.
Allen, J. Clardy and R.J. Andersen
Tetrahedron Lett. **1998**, 39, 9579 – 9582
26. Papuamides A – D, HIV-Inhibitory and Cytotoxic Depsipeptides from the Sponge
Theonella mirabilis and *Theonella swinhoei* Collected in Papua New Guinea
P.W. Ford, K.R. Gustafson, T.C. McKee, N. Shigematsu, L.K. Maurizi, L.K. Pannell,
D.E. Williams, **E.D. de Silva**, P. Lassota, T.M. Allen, R. Van Soest, R.J. Andersen
and M. R. Boyd
J. Am. Chem. Soc. **1999**, 121, 5899 - 5909
27. Synthetic Transformations of the Eleutherobin Reveal New Features of its
Microtubule-Stabilizing Pharmacophore.
R. Britton, **E. D. de Silva**, C. M. Bigg, L. M. McHardy, M. Roberge and R. J.
Andersen
J. Am. Chem Soc. **2001**, 123, 8632-8633
28. Rosmarinic acid and methyl rosmarinate from *Heliotropium indicum*
S.A. Deraniyagala, D.G. Udugamasooriya, **E.D. de Silva**, D.E. Williams and R. J.
Andersen
J. Trop. Med. Plants, **2002**, 3 (01), 25
29. An Association between the Butterfly *Talicauda nyseus* and the Lichen *Leproloma*
sipmanianum as Evidenced from Chemical Studies
V. Karunaratne, K. Bombuwela, S. Kathirgamanathar, V. Kumar, D.N. Karunaratne,
K.B.Ranawana, D.S.A. Wijesundara, A. Weerasooriya and **E.D. de Silva**
Current Science **2002**, 83(6), 741 – 745
30. Interactive Peer Review as a Productive Evaluation Process
M.A.T. de Silva, G. Yapa and **E.D. de Silva**
Research Evaluation **2002**, 11(3), 119 - 128
31. Anticancer Agents from Unique Product Sources
Chris M. Ireland , William Aalbersberg , Raymond J. Andersen , Semiramis Ayrall-
Kaloustian , Roberto G.S. Berlinck , Valerie Bernan , Guy Carter , Alice C.L.

Churchill , Jon Clardy , Gisela P. Concepcion , **Dilip E. De Silva** , Carolyn Discafani, Tito Fojo , Philip Frost , Donna Gibson , Lee M. Greenberger , Michael Greenstein , Mary Kay Harper, Robert Mallon , Frank Loganzo , Maria Nunes , Marianne S. Poruchynsky , Arie Zask
Pharmaceutical Biology **2003**, 41 (supplement I) 15 – 38

32. Trends and Shifts in Institutional Productivity: Natural Products Chemistry Research in Sri Lanka
G. Yapa, M.A.T de Silva and **E.D. de Silva**
Research Evaluation **2004**, 13(3), 167 - 174
33. β -Orcinol depsidones from the Lichen *Usnea* sp. from Sri Lanka
S. Kathirgamanathar, D.E. Williams, R.J. Andersen, K. Bombuwela, **Dilip de Silva** and V. Karunaratne
Natural Products Research **2005**, 19(7), 695 – 701
34. Lanostane-Type Triterpenoids from the Fungus *Ganoderma applanatum* Collected in Sri Lanka
E.D. de Silva, R.G.L. Santha, R.L.C. Wijesundera, A.L. Cole, J. Blunt, M.G.H. Munro in Herbal Medicine, Phytopharmaceuticals and other natural products: Trends and Advances, L.S.R. Arambewela, S. Wimalasena, N. Gunawardena, Eds; Centre for Science and Technology of the Non-Aligned and other Developing countries (NAM S & T Centre): New Delhi, India and Institute of Chemistry, Ceylon, Colombo, Sri Lanka, **2006**, pp 233 - 237
35. Lanostane Triterpenoids from the Sri Lankan Basidiomycete *Ganoderma applanatum*
E.D. de Silva, S.A. van der Sar, R.G.L. Santha, R.L.C. Wijesundera, A.L.J. Cole, J.W. Blunt and M.H.G. Munro
J. Nat. Prod. **2006**, 69, 1245 - 1248
36. Oppositines A and B, Sesquiterpene Pyridine Alkaloids from a Sri Lankan *Pleurostyliya opposita*
E.L. Whitson, S.M.V. Damayanthi Mala, C.A. Veltri, T. S. Bugni, **E.D. de Silva** and C.M. Ireland
J. Nat. Prod. **2006**, 69, 1833 – 1835
37. Isolation of 2-Pyridone Alkaloids from a New Zealand Marine-Derived *Penicillium* species.
E.D. de Silva, A. Geiermann, M.I. Mitova, P. Kuegler, J.W. Blunt, A.L.J. Cole and M.H.G. Munro
J. Nat. Prod. **2009**, 72, 477 - 479

Patents:

1. Biologically Active Thiazine

Inventors: R.J. Andersen, T.M. Allen, **E.D. de Silva**, J.S. Racok, J. Clardy and L. Brinen

Patent Number: US 5106969 – United States
Publication Date: 1992-04-21

Patent Number: WO 9218509 - International
Publication Date: 1992-10-29

2. Biologically Active Peptides and Compositions, Their uses
Inventors: T. Allen, F. Kong, D. Wallace, J. Coleman, **E.D. de Silva**, , E. Piers, M. Roberge, and R.J. Andersen

Patent Number: WO9633211
Publication Date: 1996-10-24

Patent Number: EP0839154
Publication Date: 1998-05-06

Patent Number: US6153590
Publication Date: 2000-11-28

Patent Number: AT256698T
Publication Date: 2004-01-15

Patent Number: DK839154
Publication Date: 2004-04-19

3. Antineoplastic Epidithiapiperazinediones
Inventors: T. Allen, R.J. Andersen, D.E. Williams, K. Bombuwala, , , V. Karunaratne, J.C. Clardy, **E.D. de Silva**, E.B. Lobokovsky

Patent Number: CA2252663 - Canadian
Publication Date: 2000-05-03

4. Antimitotic Eleuthesides
Inventors: M. Roberge, R.J. Andersen, R.A. Britton, **E.D. de Silva**

Patent Number: WO03000711 – International
Publication Date: 2003-01-03

Patent Number: EP1404692 – European
Publication date: 2004-04-07

Presentations:

1. An Antibiotic Cembranolide from *Lobophytum cristigali*
M. Mahendron, M.S.L. de Costa, **E.D. de Silva**, S.R. Krishnarajah and J.C. Coll
Proc. Institute of Chemistry, Ceylon (1), 12th Annual Session **1983**, 3
2. Two Silphiperol Derivatives from an Unidentified Gorgonian
B.M.R. Bandara, A.A.L. Gunathilaka, S.D.G.S. Samaranayake, **E.D. de Silva** and
L.M.V. Tillekeratne
Proc. Sri Lanka. Ass. Adv. Sci. **1984**, 40(1), 77
3. Isolation of 24,16-dibromo-7,13,15-hexadecatriene-5-yonic Acid from a Sri Lanka
Sponge
M.P.D. Mahindaratne, **E.D. de Silva** and L.M.V. Tillekeratne
Proc. Sri Lanka ass. Adv. Sci. **1984**, 40(1), 69
4. Isolation of Two Coumarins from a Sri Lanka Gorgonian Species
M.P.D. Mahindaratne, L.M.V. Tillekeratne, **E.D. de Silva**, F.J. Scmitz and S.P.
Gunsekara
Proc. Sri Lanka ass. Adv. Sci. **1985**, 41(1), 93
5. A New Sesquiterpenoid Isonitrile from the Nudibranch *Phyllidia* species
E.D. de Silva and P.J. Scheuer
Proc. Sri Lanka Ass. Adv. Sci. **1985**, 41(1), 108
6. Antifertility Agents from Sri Lanka Marine Organisms I: Studies on Sperm
Antimotility Agents from Sri Lanka Soft Corals
G.K. Lyanage, L.M.V. Tillekeratne, **E.D. de Silva**, M. Mahendron and W.D.
Ratnesooriya
Proc. Sri Lanka Ass. Adv. Sci. **1985**, 41(1), 108
7. Two Halogenated Sesquiterpenoids from an Unidentified Sea Hare Species
M.P.D. Mahindaratne, **E.D. de Silva**, L.M.V. Tillekeratne, B. Baker and P.J. Scheuer
Proc. Sri Lanka Ass. Adv. Sci. **1985**, 41(1), 110
8. Isolation of a Cembranoid Diterpene from a Sri Lanka Soft Coral
M.P.D. Mahindaratne, L.M.V. Tillekeratne and **E.D. de Silva**
Proc. Sri Lanka Ass. Adv. Sci. **1985**, 41(1), 111
9. A Densitometric Method for the Estimation of Azdirachtin in Neem Seeds
C.P. Kulatilleke, A.M. Mubarak and **E.D. de Silva**
Proc. Institute of Chemistry, Ceylon 1986, 15th Annual Session
Chemistry in Sri Lanka **1986**, 3(1), 20
10. Review Lecture – Nudibranchs – Their Defensive Strategies and Chemistry
Proc. Institute of Chemistry, **1986**, 15th Annual Session

11. Isolation of Furodysin from a *Chromodoris* sp.
E.D. de Silva, U.N.S. Sirisoma and R.J. Andersen
Proc. Sri Lanka Ass. Adv. Sci. **1986**, 42(1), 147
12. Isolation of a Potent Sperm Anti-motility Compound from Soft Coral *Sinularia abrupta*
G.K. Liyanage, L.M.V. Tillekeratne, **E.D. de Silva**, W.D. Ratnesooriya, A.Hassner, and A. Amerasekera
Proc. Sri Lanka Ass. Adv. Sci. **1987**, 43(1), 216
13. GC-MS Analysis of Root Extract of Marigold
P.N.G. Jayawardana, **E.D. de Silva** and A.M. Mubarak
Proc. Sri Lanka Ass. Adv. Sci. **1988**, 44(1), 164
14. Sedative Effect of Crude Extract of *Phyllidia varicosa* on Rat
G.K. Liyanage, G.A.S. Premakumara, W.D. Ratnesooriya, L.M.V. Tillekeratne and **E.D. de Silva**
Proc. Sri Lanka. Ass. Adv. Sci. **1989**, 45(1), 120
15. Novel Diterpenoids from Three *Chromodoris* species
E.J. Dumdei, **E.D. de Silva**, R.J. Andersen, M.I. Choudhary and J. Clardy
72nd Canadian Chemical Conference and Exhibition **1989**, Victoria, Canada
16. Antimicrobial Constituents of a sponge – Nudibranch Pair from Sri Lanka
N.K. Gulavita, P.J. Scheuer and **E.D. de Silva**
International Conference on Bioactive Compounds from Marine Organisms: **1989**, Goa, India
17. Motuporin, A Potent Protein Phosphatase Inhibitor from the Marine Sponge *Theonella swinhoei*
E.D. de Silva and R.J. Andersen
Proc. Institute of Chemistry, Ceylon, 1992, 21st Annual Session; Chemistry in Sri Lanka **1992**, 9(1), 10
18. Trididemnic Acids A and B, Novel Aromatic Alkaloids from the Ascidian *Trididemnum* sp.
E.D. de Silva and R.J. Andersen
Proc. Institute of Chemistry, Ceylon 1992, 21st Annual Session; Chemistry in Sri Lanka **1992**, 9(1), 16
19. An Interesting Retro-Fries Rearrangement of Trididemnic Acid A
E.D. de Silva and R.J. Andersen
Proc. Institute of Chemistry, Ceylon 1992, 21st Annual Session; Chemistry in Sri Lanka **1992**, 9(1), 17

20. New Natural Products from Marine Invertebrates
R.J. Andersen, D. Burgoyne, D.E. Williams, **E.D. de Silva**, S. Miao, F. Kong, C. Holmes and T.M. Allen
Proc. Seventh International Symposium on Marine Natural Products, **1992**, Capri, Italy L-4, Presented as an Invited Lecture
21. Antibiotics from Microorganisms
L.B. de Silva, C.S. Liyanage, D.S.S. Gunewardena, E.M.K. Wijeratne, W.H.M.W. Herath, **E.D. de Silva** and R.C. Wijesundera
Proc. Sri Lanka Ass. Adv. Sci. **1992**, 48(1), 126
22. Isolation of Pyrolinitrile from a Marine Bacterium
E.D. de Silva
Proc. Institute of Chemistry, Ceylon 1993, 22nd Annual Session: Chemistry in Sri Lanka **1993**, 10(1), 5
23. Two Novel Butenolides from a Marine Actinomycetes Species
E.D. de Silva and R.J. Andersen
Proc. Sri Lanka. Ass. Adv. Sci. **1994**, 50(1), 257
24. Invited Lecture – Marine Plants and Animals
E.D. de Silva
Seminar on “Chemical Science and Technology for the Utilization of Renewable Resources” Organized by Section E2 of the Sri Lanka Association for the Advancement of Science, SLAAS Auditorium, July 28, **1995**
25. Cytotoxic Metabolites from Selected Marine Invertebrates
J.E. Coleman, J. Kubanek, **E.D. de Silva**, F. Kong, R.J. Andersen and T.M. Allen
Abstracts of Symposium Proceedings: Eighth International Symposium on Marine Natural Products, Tenerief, Canary Islands, Spain, September **1995**
26. Institute of Chemistry – Popular Lecture Series
Deep Blue Sea – Untapped Resources
E.D. de Silva
SLAAS Auditorium, April 20th, **1995**
27. A New Cyclodepsipeptide from the Tropical Sponge *Cymbastela* Sp.
E.D. de Silva
Proc. Institute of Chemistry, 1995, 24th Annual Sessions
Chemistry in Sri Lanka, **1995**, 12(1)
28. Cytotoxic Peptides from the Marine Sponge *Cymbastela* Sp.
E.D. de Silva and R.J. Andersen
Proc. Sri Lanka Ass. Adv. Sci. **1995**, 51(1), 382
29. Cytotoxic Alkaloids from the Flatworm *Prostheceraeus villatus* and its Tunicate Prey

*Clavellina lepidiformis***E.D. de Silva** and R.J. AndersenProc. Sri Lanka Ass. Adv. Sci. **1995**, 51(1), 393

30. Drugs from the Sea
Sri Lanka Association for the Advancement of Science – Section E2, Popular Lecture, SLAAS Auditorium, February, **1996**
31. Biologically Active Secondary Metabolites from Marine Organisms
E.D. de Silva
Proc. of the Symposium on Bioactive Natural Products (Organized by the Department of Chemistry, University of Peradeniya, Kandy, Sri Lanka, November **1996**)
32. Antifungal Activity of Sri Lankan Lichens
K. Bombuwala, V. Karunaratne, N.K.B. Adikaram, A. Weerasooriya and **E.D. de Silva**
Proc. of the University of Peradeniya Research Sessions **1997**, 18
33. Antifungal and Mosquito Larvicidal Activity of Sri Lanka Lichens
K. Bombuwela, V. Karunaratne, **E.D. de Silva**, N.K.B. Adikaram and A. Weerasooriya
Proc. Sri Lanka Ass. Adv. Sci. **1997**, 53(1) 269
34. A new Aromatic Polyether Compound from the Coconut Lichen *Ramalina farinacea*
K. Bombuwela, V. Karunaratne, **E.D. de Silva** and N.K.B. Adikaram
Proc. Sri Lanka Ass. Adv. Sci. **1997**, 53(1), 350
35. Sequestration of Lichen Compounds by Butterfly *Talcadia nyseus nyseus*
K. Bombuwela, V. Karunaratne, K.B. Ranawana, A. Weerasooriya, S. Wijesundara, and **E.D. de Silva**
Proc. of the University of Peradeniya Annual Research Sessions **1998**, 26
36. Ambewalamide A and B, Novel Antineoplastic Compounds from Sri Lanka *Usnea* sp.
V. Karunaratne, K. Bombuwela and **E.D. de Silva**
Proc. of the University of Peradeniya Annual Research Sessions **1998**, 85
37. Evidence for a Lichen – Butterfly Association
K. Bombuwela, **V. Karunaratne, K.B. Ranawana, A. Weerasooriya, S. Wijesundara and E.D. de Silva**
Proc. Sri Lanka Ass. Adv. Sci. **1998**, 54(1), 206
38. A Novel Cytotoxic Compound from a Sri Lanka *Usnea* sp.
K. Bombuwela, V. Karunaratne and **E.D. de Silva**
Proc. Sri Lanka Ass. Adv. Sci. **1998**, 54(1), 289

39. An Anti-MRSA Isoflavonoid from *Derris scandens*
E.D. de Silva, S.A. Deraniyagala and A.D. Ranasinghe
Proc. Institute of Chemistry, **2000**, 29th Annual Sessions
Chemistry in Sri Lanka, **2000**, 17(2), 34

40. Characterisation of the Lichen Compounds Present in the Butterfly *Talcicadia nyseus nyseus*
Proc. Sri Lanka Ass. Adv. Sci. **2000**, 56(1), 246

41. **Invited Lecture** – **E.D. de Silva**, Drugs from the Sea, Department of Pharmacy,
Uppsala University, Uppsala, September, **2000**.

42. Phenolic Compounds from *Heliotropium indicum*
E.D. de Silva, S.A. Deraniyagala and D.G. Udugamasooriya
Proc. Institute of Chemistry **2001**, 30th Annual Sessions
Chemistry in Sri Lanka **2001**, 18 (2), 24

43. Drugs from the Sea, **E.D. de Silva**, Plenary Lecture, Faculty of Medicine, University
of Colombo, Scientific Sessions **2002**, page 15

44. Cytotoxic Macrolides from a Marine Actinomycetes Species
E.A.K. Edirisinghe, **E.D. de Silva** and R.J. Andersen
Proc. Institute of Chemistry **2002**, 31st Annual Session
Chemistry in Sri Lanka **2002**, 19 (2), 15

45. Productivity and Scientific Impact of Research carried out in Sri Lanka on Natural
Products Chemistry
G. Yapa, M.A.T. de Silva and **E. D. de Silva**
Proc. Sri Lanka Ass. Adv. Sci. **2002**, 58(1), 297

46. Oceans: Medicine Chests of the Future? – Chandrasena Commemoration Lecture,
E.D. de Silva
Proc. Institute of Chemistry, 32nd Annual Session, **2003**

47. Novel Biologically Active Compounds from Marine Organisms
E.D. de Silva
Invited Lecture at the Regional Workshop on Biopesticides; Current Status and
Future Trends, Organized by Departments of Chemistry and Botany University of
Kelaniya in collaboration with Department of Chemistry, University of Peradeniya,
Sri Lanka, 14th to 19th July **2003**, Sri Lanka

48. Simplifying complexity: Generation of UV Libraries for the dereplication of natural
product extracts - Poster
D. de Silva, S. van der Sar, C. Chien-Hui, Grace Cao, P. Dalsgaard, G. Lang, S.
Williamson, T. Cole, J. Blunt, M. Munro

XI International Symposium on Marine Natural products, September 4th – 9th, **2004**, Sorrento, Italy

49. Lanostane-type Triterpenoids from the Fungus *Ganoderma applanatum* Collected in Sri Lanka
E.D. de Silva, R.G.L. Santha, R.L.C. Wijesundera, A.L.J. Cole, J.W. Blunt, M.H.G. Munro
 International Symposium on Herbal Medicine, Phytopharmaceuticals and Other Natural Products: Trends and Advances, June 15th – 17th, **2005**, Colombo Sri Lanka
50. Investigation of Antifungal Activity of *Drosera indica*
 P.H.K.I.N. Nawarathne, M.P.S. Jayasekera, **E.D. de Silva**, P.Perera, W.A.S. Wijendra and V. Karunaratne
 Proc. Institute of Chemistry **2005**, 34th Annual Session
 Chemistry in Sri Lanka **2005**, 22 (2), 189
51. Simplifying complexity: the dereplication of natural products extracts
 J. Blunt, A. Cole. **D. de Silva**, G. Lang, M. Mitova, W. MacLean, M. Munro, S. van der Sar
Opening Lecture of the Conference – PL01 by M. Munro
 4th European Conference on Marine Natural Products, Museum National d'Histoire Naturelle, September, 12th -16th, **2005**, Paris, France
52. Simplifying complexity: Generation of UV Libraries for the dereplication of natural product extracts - Poster
E.D. de Silva, S. vander Sar, M. Mitova, G. Cao, L. Sun, G. Lang, A.L.J. Cole, J.W. Blunt, M.G.H. Munro
 4th European Conference on Marine Natural Products, Museum National d'Histoire Naturelle, September, 12th -16th, **2005**, Paris, France
53. Probing Fungal Chemodiversity: Marine-derived vs. Endophytic vs. Entomopathogenic
 G. Lang, M. Mitova, S. van der Sar, **E.D. de Silva**, N.A. Mahyudin, N.J. Cummings, A.L.J. Cole, J.W. Blunt, M.H.G. Munro
 4th European Conference on Marine Natural Products, Museum National d'Histoire Naturelle, September, 12th -16th, **2005**, Paris, France
54. Bioprospecting: Using biodiversity in the search for drugs
E.D. de Silva
 Invited Lecture - Seminar on “The Search for Drugs” Organized by Institute of Chemistry, Ceylon, February 3rd 2006, Colombo, Sri Lanka
55. Professor PPGL Siriwardene Memorial Oration,
 “The Search for New Pharmaceuticals from Marine Organisms”
 Institute of Chemistry, Ceylon 15th May 2007

56. The Search for New Pharmaceuticals from Marine Organisms
E.D. de Silva
 Plenary Lecture, Proceedings Chemtech 2007 – International Conference, Institute of Chemistry, Ceylon June 20 – 23rd, 2007 Colombo, Sri Lanka, Page 50
57. Antimicrobial and Chemical Studies of Some Sri Lankan Fungi
 K.A.S.S. Perera, **E.D. de Silva** and R.L.C. Wijesundera
 Proceedings Annual Research Symposium 2008, University of Colombo, 114
58. New Erythrityl Esters from the Lichen *Roccella montagni*
E.D. de Silva and C.V. Karunaratne
 Proceedings Annual Research Symposium 2008, University of Colombo, 119
59. *In vitro* Anti-Inflammatory Activity of Aqueous Leaf Extract of *Vitex negundo*
 W.A.I.R.S. de Fonseka, K.W.J.C. Kariawasam, R.R. Kumara, D.P.S.T.G. Attanayaka,
E.D. de Silva, W.D. Ratnasooriya and S.M. Handunnetti
 Proceedings of 8th Agricultural Research Symposium, Wayamba University of Sri Lanka, Gonawila, Sri Lanka, 13th – 14th August 2008, 149 – 153
60. Effects of Aqueous Seed Extracts of *Caesalpinia bonduc* on Nitric Oxide Production by Rat Peritoneal Cells *In vitro*
 M.D. Sangeetha, H.L.C. Nanayakkara, R.R. Kumara, D.P.S.T.G. Attanayaka, **E.D. de Silva**, W.D. Ratnasooriya and S.M. Handunnetti
 Proceedings of 8th Agricultural Research Symposium, Wayamba University of Sri Lanka, Gonawila, Sri Lanka, 13th – 14th August 2008, 165 - 170

Training Programmes and Conferences Attended:

Gordon Research Conference on Marine Natural Products, Santa Barbara, California, USA, June **1979**

Training Course on Biological Safety Conducted by the University of British Columbia, Canada, **1990**

Training Course on Frontier Areas of Organic Synthesis at the Department of Chemistry, Indian Institute of Science, Bangalore, India, 8th – 18th December **1993**
 Gordon Research Conference on Marine Natural Products, Ventura, California, USA, February, **1994**

Workshop on Cyanobacteria (Blue-green Algae) and their Toxins in Water, National Research Centre for Environmental Toxicology, Brisbane, Queensland, Australia, July, **1997**

Workshop on Biopesticides; Current Status and Future Trends, Organized by Departments of Chemistry and Botany University of Kelaniya in collaboration with

Department of Chemistry, University of Peradeniya, Sri Lanka, 14th to 19th July 2003, Sri Lanka – Resource Person

Books Authored / Edited:

Biochemistry - CHU 1140; Level 3 - B.Sc. Degree Programme of the Open University of Sri Lanka, Open University of Sri Lanka 1995 (ISBN 955-23-0594-2)

Spectroscopy in Structure Determination – CHU 2221; Level 4 – B.Sc. Degree Programme of the Open University of Sri Lanka, Open University of Sri Lanka

Conjugated Systems and Chemistry of Carbonyl Compounds – CHU 2221; Level 4- B.Sc. Degree Programme of the Open University of Sri Lanka, Open University of Sri Lanka 1997 (ISBN 955-23-0665-5)

Chemistry of Aromatic Compounds – CHU 2221 – Level 4 – B.Sc. Degree Programme of the Open University of Sri Lanka 1998 (ISBN 955-23-0667-1)

Pericyclic Reactions: Theory and Applications, by M.D.P. de Costa, Ed. E.D. de Silva, College of Chemical Sciences, Institute of Chemistry, Ceylon, 2005 (ISBN 955-9244-26-6)

Organic Chemistry Practical Manual, by Thusitha Abeytunga, Ed. E.D. de Silva, R.G. Graphics, Boralessgamuwa, Sri Lanka 2007 (ISBN: 978-955-50240-1-3)