CURRICULUM VITAE

K. Alvin Ronlán (K.A.R.)

Born: August 15, 1942, Copenhagen, Denmark

Domicile: Florida, U.S.A.

Education:

1964, B.Sc. (mathematics, physics and chemistry), University of Copenhagen and Danish Institute of Technology.

1965, M. Sc. (physics, chemistry), University of Uppsala, Sweden.

1967, Ph. D., Royal Institute of Technology, Stockholm, Sweden.

1974, Doctor of Science, University of Lund, Sweden.

Employment:

Teaching assistant, University of Uppsala, Sweden, 1964 - 1965.

Research associate, Royal Institute of Technology, Stockholm, Sweden, 1965 - 1967.

Associate Professor, University of Lund, Sweden, 1967 - 1972.

Assistant Professor, University of Lund, Sweden, 1972 - 1976.

Professor, University of Lund, Sweden, 1975 - 1987.

Prefekt, Chemistry Department, University of Lund, Sweden, 1981 - 1983.

Director of R&D Alron Chemical Co AB, 1977 - present

Scientific work and Patents:

See enclosed Bibliography.

Miscellaneous:

Consultant for Erco Pharmaceuticals, 1968 - 1972. Coauthor of a number of patents on contrast agents and blood pressure reducing drugs.

Organized and led a 4-month expedition to East Africa (Kenya, Tanzania, Uganda) 1972 collecting medicinal plants

Visiting Professor at University of California, Santa Cruz, 1982 - 1983. Studies in the field of application of artificial intelligence to chemical and biochemical problems

Founded Alron Chemical Co AB in Sweden 1977 to exploit discoveries in the fields of surface chemistry/physics and combustion catalysis.
Webpage: www.alron.com/www.alron.se

Founded Alron Japan, Inc., Tokyo, 1977.

Terminated the tenure at the University of Lund and moved to the United States by the end of 1987.

Cofounder with Graziella Gallelli Ronlan and R&D Director of ProBios Laboratories, Inc., Florida 1999.
Webpage: https://www transdermaserums.com

BIBLIOGRAPHY/ Alvin Ronlán

Scientific work

1. Phenol Dehydrogenation. Part 11. Intramolecular Oxidative Coupling of Dihydropiceatannol.Acta Chem. Scand., 23, 249 (1969) (With Holger Erdtman)

2. The Structure of Mezerein. A Major Toxic Principle of Daphne Mezerum L. Tetrahedron Letters, 1970, 4261 (With Börje Wickberg)

3. Electrochemistry In Media of Intermediate Acidity. Part VI. Coupling of Simple Aryl Ethers, Acta Chem. Scand., 27, 2375 (1973) (With K. Bechgaard and V.D. Parker)

4. Anodic Oxidation of Phenolic Compounds. Part II. Products Mechanisms of the Anodic Oxidation of Hindered Phenols. J. Chem. Soc., C, 1971, 3241 (With V.D. Parker)

5. Coupling of Phenols via an Anodically Generated Ion. Chem. Commun., 2971, 1643.

6. Anodic Oxidation of Phenolic Compounds. Part III. Anodic Hydroxylation of Phenols. A Simple General Synthesis of 4-Alkyl-4-hydroxyhexa-2,5-dienones from 4-Alkylphenols. J. Chem. Soc., C, 1973, 2337. (With A. Nilsson and V. D. Parker)

7. Kinetics and Mechanisms of the Reaction of Organic Cation Radicals and Dications. I. Cyclization of the Tetraphenylethylene Dication. J. Amer. Chem. Soc., 96, 5108 (1974). (With V. D. Parker and U. Svanholm)

8. Anodic oxidation of Methoxybiphenyls. The Effect of the Biphenyl Linkage on Aromatic Cation Radical and Dication bility. J. Amer. Chem. Soc., 96, 845 (1974). (With J. Coleman, O. Hammerich and V. D. Parker)

9. Electrosynthesis of Medium and Large Sized Rings by Oxidative Cyclization of Bis-(3.4-dimethoxyphenyl) Alkanes. J. Org. Chem.,. 39, 1014 (1974). (With V.D. Parker)

10. Effect of Forced Coplanarity of Biphenyl Rings on the Ease of Formation and Stability of Phenolic Cations. J. Amer. Chem. Soc., 97, 3540 (1975). (With A Nilsson, U. Palmquist and V. D. Parker)

11. Anodic Oxidation of Unsymmetrically Substituted Diarylalkanes. Multiplicity of Mechanisms for Intramolecular Cyclization. J. Amer. Chem. Soc., 97, 4714 (1975). (With V.D. Parker)

12. A Novel Synthesis of 4-Chloro-4-methylcyclohexa-2.5-dienone and 4.4-Dimethoxycyclohex-2.5-dienone. Terahedron Letters, 1975, 1107. (With A Nilsson)

13. Anodic Oxidation of Phenolic Compounds. 4. Scope and Mechanism of the Anodic Intramolecular Coupling of Phenolic Diarylalkanes. J. Amer. Chem. Soc., 98, 2571 (1976). (With A. Nilsson, U. Palmquist and V.D. Parker)

14. Anodic Coupling of Simple Aryl Ethers. Electrochemical Synthesis of Methoxybiphenyl Cation Radicals. Tetrahedron Letters, 1972, 2272. (With K. Bechgaard, 0. Hammerich, N. Moe, V.D. Parker and U. Svanholm)

15. Electrochemistry of Biphenylenes. Observation of Biphenylene Cation Radicals and Dications. J. Chem. Soc. Chem. Commun.,1974, 33 (With V.D. Parker)

16. The Direct Observation of Intermediates During the Oxidative Cyclization of Phenol Ethers. Acta Chem. Scand., Ser. B, 28,1241, (1974). (With U. Palmquist and V.D. Parker)

17. Intramolecular Coupling of Diarylpropanes. Evidence for the Phenoxonium Ion Mechanism. Acta Chem. Scand., Ser. B, 28, 267 (1974) (With U. Palmquist and V.D. Parker)

18. Reactions of Aromatic Anion Radicals and Dianions. Part III. Electrolyte and Solvent Effects on the Kinetics of Electron Transfers to Cyclooctatetraenes. Acta Chem. Scand., Ser. B, 394 (1975) (With V.D. Parker and B. Svensmark Jensen)

19. The Relative Ease of Oxidation of Phenols and Phenol Ethers. A Comparison of Reversible Redox Potentials. Acta Chem. Scand., Ser. B, 30, 89 (1976). (With 0. Hammerich and V.D. Parker)

20. Reactions of Aromatic Anion Radicals and Dianions. VI. The Contribution of Homogeneous Electron Transfer to Electrochemically Irreversible Electrode Processes. Acta Chem. Scand., Ser. B, 30, 773, (1976). (With V.D. Parker)

21. Anodic Oxidation of Phenolic Compounds. Part V. Anodic Methoxylation of Phenols. A Simple Synthesis of Quinones, Quinone Ketals and 4-Methyl-4methoxycyclohexa-2.5-dienones. J. Chem. Soc., Perk I, 1978, 696. (With A. Nilsson, U. Palmquist and T. Pettersson)

22. Anodic Functionalisation in Synthesis. Part I. Methoxylation of Methyl-substituted Benzene and Anisole Derivatives, and Synthesis of Aromatic Aldehydes by Anodic oxidation. J. Chem. Soc., Perk I, 1978, 708. (With A. Nilsson, U. Palmquist and T. Pettersson)

2 3. Anodic Oxidation of 1,2,3,4-Tetrahydronaphthalene and Isochroman Analogues of 1-Benzy] and I-enethylisoquinoline Alkaloids. Products and mechanisms of the Intramolecular Cyclization. J. Org- Chem., 44, 196 (1979). With A. Nilsson, U. Palmquist, V.D. Parker and T. Pettersson)

24. The Kinetics and Mechanisms of the Anodic Coupling of 4.4-Dimethoxystilbene. Evidence for the Radical-Substrate Coupling Mechanism. Acta Chem. Scand., B35, 247 (1981). (With S. Aalstad and V. D. Parker)

25. The Kinetics and Mechanisms of Cation Radical Coupling Reactions. Second and Higher Order Reactions of 4-Methoxybiphenyl Cation Radical. Acta Chem. Scand., B35, 649 (1981)

26. Rate Constants and Activation Parameters for the Cyclization of the Tetraphanyletylene Dication in Acidic Dichloromethane. Acta Chem. Scand., 836, 199 (1982). With B.Aalstad and V.D. Parker)

27. Kinetics and Mechanisms of the Second Order Cyclization of the Cation Radicals Derived from 1.2-Dlarylethanes. Acta Chem. Scand., B36, 171 (1982). With A. Aalstad and V.D. Parker)

28. Unsymmetrical Anodic Coupling of Veratrol with Various Anisol Derivatives. Products and Mechanisms. Acta Chem. Scand., B36, 317 (1982). (With B. Aalstad and V. D. Parker

29. Electrophilic Chlorination of 4--Methylphenols with Molecular Chlorine, Synthesis of Dimethoxy Aromatics by Methanolysis of 4-Chloro-4-methyloyclohexa-2.5-dienones. Acta Chem. Scand., B36, 675 (1982). (With K.-E.Bergquist and A. Nilsson)

30. Electrosynthesis of Medium and Large Size Rings. Part II. Mechanisms of the Anodic Cyclization of Bis(3.4-dlmethoxyphenyl)-alkanes and alkenes. Acta Chem, Scand., B37, 675 (1983). (with T. Pettersson and V. D. Parker)

31. Systematic Derivation of Chemical Procedures for Transforming Surplus Hazardous Chemicals to Useful Products. Journal of Hazardous Materials, 1984- (With C, K. Johnson, W. E. Thiessen, M. N. Burnett, P. Condran, M. Yanaka and W.T. Wipke)

Patents

US Pat. No. 6,500,465, Disinfecting and sporocidal composition and process for decontaminating buildings

US Pat. No. 5,540,767 Tire balancing composition and method of balancing a tire using the same

US Pat. No. 5,431,726 “Balancing composition”

US Pat. No. 4,867,792 “Tire balancing composition”

European Patent EP1196299 “Tyre balancing compositions”

European Patent EP0281252 “Tyre balancing composition, method for preparing such a composition and method for balancing a motor vehicle wheel by means of such a composition”

US Pat 20080118449 “COSMETIC FORMULATIONS OF PICEATANNOL AND RETINOIDS AND METHODS OF USE THEREOF”