

**CURRICULUM VITAE:  
CHLOE JENNINGS-WHITE**

**EMPLOYMENT HISTORY**

1992-2003	Vice President, Chemical Research.	Pherin Pharmaceuticals
1991-1992	Vice President, Manufacturing.	Erox Corporation
1980-1990	Senior Organic Chemist, Project Leader	SRI International
1980-1985	Director of Research.	Dinely of London, Fine Perfumes

**EDUCATION**

1979-1980: Postdoctoral Fellow at Stanford University studying Tetrodotoxin with Prof. H.S. Mosher.

1979: Doctor of Philosophy, Synthetic Organic Chemistry.  
Thesis: "Studies Towards the Synthesis of Maneonenes and Podolide."  
University of Cambridge, England.

1976: Bachelor of Arts, 1<sup>st</sup> class. Honors in Chemistry.  
Biochemistry minor.

1973-1979: Gonville and Caius College, University of Cambridge.

AWARDS: 1979-1982: Fulbright Scholarship.  
1977: Examination in Scientific German.  
1976-1979: Gonville and Caius College Research Studentship.  
1976: Gonville and Caius College Book Prize.  
1976: Gonville and Caius College Honorary Senior Scholarship.

1962-1973: University College School, Hampstead, England.

A Levels:	Physics	A grade
	Chemistry	A grade
	Mathematics	A grade
S Levels:	Chemistry	grade 1
	Mathematics	grade 1

**AWARDS:** 1972: Physics Prize; University College School.  
1973: Chemistry Prize; University College School.

## CHLOE JENNINGS-WHITE – PUBLICATIONS, PAGE 1

- C.L.D. Jennings-White, A.B. Holmes, and P.R. Raithby. Diels-Alder reaction of Furan and fumaryl chloride: x-ray crystal and molecular structure of an oxbicyclo (2.2.1) heptane derivative. Synthesis of reduction products of cis-manenone-A. *J. Chem. Soc. Chem. Commun.*, 542 (1979).
- A.B. Holmes, C.L.D. Jennings-White, A.H. Schulthess, B. Akinde, and D.R.M. Walton. Selective desilylation of bis(trimethylsilyl)-acetylenes. *J. Chem. Soc. Chem. Commun.*, 840 (1979).
- C. Jennings-White and R.G. Almquist. Synthesis of ketomethylene analogs of dipeptides. *Tetrahedron Letts.* 23, 2533 (1982).
- R.G. Almquist, J. Crase, C. Jennings-White, R.F. Meyer, M.L. Hoefle, R.D. Smith, A.D. Essenburg, and M.R. Kaplan. Derivatives of the potent angiotensin converting enzyme inhibitor 5(S) – benzamido-4-oxo-6-phenylhexanoyl-L-proline: effect of changes at positions 2 and 5 of the hexanoic acid portion. *J. Med. Chem.* 25, 1292 (1982).
- A.B. Holmes, C. Jennings-White, and D.A. Kendrick. Total synthesis of cis-manenones-A and -B. *J. Chem. Soc. Chem. Commun.*, 415 (1982).
- C. Jennings-White. Human primary odors. *Perfumer and Flavorist* 9, 46 (1984).
- A.B. Holmes, C. Jennings-White, and D.A. Kendrick. Total synthesis of (+)-trans-manenone-B. *J. Chem. Soc. Chem. Commun.*, 1594 (1984).
- R.G. Almquist, W.-R. Chao, and C. Jennings-White. Synthesis and biological activity of carboxylic acid replacement analogues of the potent angiotensin converting enzyme inhibitor 5(S)-benzamido-4-oxo-6-phenylhexanoyl-L-proline. *J. Med. Chem.* 28, 1067 (1985).
- R.G. Almquist, C. Jennings-White, W.-R Chao, T. Steeger, K. Wheeler, J. Rogers, and C. Mitoma. Synthesis and biological activity of pentapeptide and analogues of the potent angiotensin converting enzyme inhibitor 5(S)-benzamido-4-oxo-6-phenylhexanoyl-L-proline. *J. Med. Chem.* 28, 1062 (1985).
- R.G. Almquist, J. Crase, C. Jennings-White, W.-R Chao, T. Steeger, K. Wheeler, and C. Mitoma. Ketomethylene pentapeptide analogs as orally absorbed angiotensin converting enzyme inhibitors. *Proceedings of the Ninth American Peptide Symposium*, 795 (1985).
- M. Avery, C. Jennings-White, and W.K.M. Chong. The Total Synthesis of (+) artemisinin and (+) 9-desmethylartemisinin. *Tetrahedron Letts.*, 28, 4629 (1987).
- M. Avery, C. Jennings-White, and W.K.M. Chong. Synthesis of a C, D-ring Fragment of Artemisinin. *J. Org. Chem.* 54, 1789 (1989).
- M. Avery, C. Jennings-White, and W.K.M. Chong. Simplified Analogs of the Antimalarial Artemisinin. Synthesis of 6,9-Desmethylartemisinin. *J. Org. Chem.* 54, 1792 (1989).
- C. Jennings-White. Musk Alcohols. *Perfumer and Flavorist* 12, 36 (1991).

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M.F. Scatty, C. Jennings-White and M. Avery. Stereocontrolled Synthesis of (2S,3S,8S,9S)-3-Azino-9-methoxy-2,6,8-trimethyl-10-phenyldeca-4E,6E-dienoic Acid (ADDA), the Characteristic Amino Acid of Microcysts and Nodularin. *J. Chem. Soc. Chem. Commun.*, ~j. (1991).

D.L. Berliner, C. Jennings-White and R.M. Lavker. The Human Skin: Fragrances and Pheromones. *I. Steroid. Biochem. Molec. Biol. Vol.39, No. 4B, 671 (1991).*

L. Monti-Bloch, C. Jennings-White, D.S. Dclberg, and D.L. Berliner. The Human Vomeronasal System. *Psychoneuroendocrinology*, Vol.19,673(1994).

C. Jennings-White. Perfumery and the Sixth Sense. *Perfumer and Flavorist Vol. 20, No.4,1 (1995).*

DL. Berliner, L. Monti-Bloch, C. Jennings-White and V. Diaz Sanchez. The Functionality of the Human Vomercnasal Organ (VNO): Evidence for Steroid Receptors. *I. Steroid Biochem. Molec. Biol. Vol. 58, No. 3,259(1996).*

C. Jennings-White, L. Monti-Bloch, and DL. Berliner. Highly Specific Structure Activity Relationships Among Androstanes in the Female Human Vomeronasal Organ. *Abstracts of the International Symposium on Olfaction and Taste XII, ZQ(1997).*

L. Monti-Bloch, B.I. Grosser, C. Jennings-White and D.L. Berliner. Behavioral Effect of Andmsta-4, 16-dien-3-one (androstadienone). *Abstracts of AchemS XX, 1998.*