

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel in the order listed on Form Page 2.
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

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|---|----------------------------------|---|--|
| NAME MARSHALL, Trevor Gordon | | POSITION TITLE President, Autoimmunity Research Foundation Inc | |
| EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i> | | | |
| INSTITUTION AND LOCATION | DEGREE <i>(if applicable)</i> | YEAR(s) | FIELD OF STUDY |
| University of Adelaide, Adelaide, South Australia | B.E. | 1974 | Engineering (statistics) |
| University of Adelaide, Adelaide, South Australia | M.E. | 1978 | Engineering |
| University of Western Australia, Perth, Australia | Ph.D. | 1985 | Bioengineering Thesis: Modeling of the Insulin-Glucose homeostasis in Diabetic and Healthy Individuals |

A. POSITIONS AND HONORS**Citizenship**

Australian Citizen, United States Greencard (Permanent Resident Alien)

Chronological Employment

1974: Temporary Tutor, University of Technology, Lae, Papua New Guinea

1975-1981: Lecturer (equiv. to a US 'Tenure Track Professor'), Curtin University (W.A.I.T.), Perth, Western Australia

1981-1982: Biomedical Engineer, Nucleus Limited (a division of Medtronic Inc.), Sydney, Australia. (Nucleus developed the original Cochlear Implant)

1982-1984: Consultant, Cambrian Systems and Consultants, Calabasas, California (Cambrian specialized in design of mass storage for computer systems)

1984-1988: Chief Technical Officer, Definicon Systems Inc, California. (Definicon specialized in the design of high-powered computers and software for medical and scientific research)

1988-2001: Chief Executive Officer, Chief Technical Officer, YARC Systems Corporation, California. (YARC is a publicly traded high-tech technology company specializing in Internet and Publishing technologies)

2001-2004: sabbatical, researching the pathogenesis of Autoimmune Disease

2004-date: President and Director, Autoimmunity Research Foundation, Thousand Oaks, California

Affiliations

1. Immediate Past Chairman, I.E.E.E, Engineering in Medicine and Biology, Buenaventura Chapter
2. Managing Editor, Journal Of Independent Medical Research (www.JOIMR.org)
3. Immediate Past Member of the Scientific Board, National Sarcoidosis Society, San Francisco Chapter
4. Contributing Editor, BYTE.com (published by CMP Publications Inc)

B. SELECTED PUBLICATIONS

Selected Papers

1. Marshall TG, Marshall FE: **Sarcoidosis succumbs to antibiotics - implications for autoimmune disease.** Autoimmunity Reviews,2004; 3(4):295-3001. **PubMed ID: 15246025**
2. Marshall TG, Fenter B, Marshall FE: **Antibacterial Therapy Induces Remission in Sarcoidosis.** Herald MKDTS 2004g; Volume III: Release 1. (The Journal of the Interregional Clinical-Diagnostic Center, Kazan, published in Russian translation). **Invited Paper.** Special issue on Sarcoidosis. ISSN: 1726-6149
3. Marshall TG: **Puzzling Vitamin D results.** CMAJ 2002 Oct 15;167(8):849 **PubMed ID: 12406940**
4. **La thérapie antibactérienne induit une rémission de la sarcoïdose.** Réseau International de Soutien des Malades de la Sarcoïdose. Available from URL <http://tinyurl.com/6al6g>, Last Accessed April 2, 2005.
5. Marshall TG, Fenter B, Marshall FE: **Putative Antibacterial Mechanisms for Angiotensin Receptor Blockers.** JOIMR 2004;2(2):1.
6. Marshall TG, Marshall FE: **Sarcoidosis succumbs to antibiotics - implications for autoimmune disease.** Autoimmunity Reviews,2004; Supplement 2:55 (Abstracts of 4th International Congress on Autoimmunity)
7. Marshall TG, Marshall FE: **Antibiotics in Sarcoidosis – Reflections on the First Year.** JOIMR 2003;1(3):2
8. Marshall TG, Mekheil N, Jackman WS, Perlman K, Albisser AM: **New Microprocessor Based Insulin Controller.** IEEE Transactions on Biomedical Engineering, Vol BME-30, No 11, Nov 1983, pp 689-695 **PubMed ID: 6662523**
9. Keogh EJ, MacKellar A, Mallal SA, Dunn AG, McColm SC, Somerville CP, Glatthaar C, Marshall T, Attikiouzel J: **Treatment of cryptorchidism with pulsatile luteinizing hormone-releasing hormone (LH-RH).** J Pediatr Surg. 1983 Jun;18(3):282-3 **PubMed ID: 6135766**

Selected Recent Conference Presentations, NetPrint Publications and Letters

1. Marshall TG: **Bacterial Th1 Processes Seem Key to Chronic Lyme Remission.** ILADS Conference, Oct 2004, Rye Town, NY
2. Marshall TG: **How Borrelia Evades the Immune System, and How we Help it Kill This Th1 Bacterium.** 30th Anniversary of Lyme Disease Conference, Farmington, CT, May 7, 2005
3. Marshall TG, Mangin M, Marshall FE: **Bacterial Th1 Processes Key to CFS/ME Remission.** AACFS Conference, Madison, WI, Oct 2004
4. Marshall TG, Marshall FE: **Sarcoidosis succumbs to antibiotics - implications for autoimmune disease.** 4th International Conference on Autoimmunity, Budapest, Nov 2004
5. Marshall TG, Marshall FE: **Vitamin D may be Harmful in Rheumatic Disease.** BMJ Rapid Response Jan 13,2003, Available from URL <http://bmj.com/cgi/eletters/326/7379/12/b>
6. Marshall TG, Marshall FE: **New Treatments Emerge as Sarcoidosis Yields Up Its Secrets.** Clinmed 2003 Jan 27; 2003010001 Available from URL <http://clinmed.netprints.org/cgi/content/full/2003010001>
7. Marshall TG, Marshall FE: **Remission in Sarcoidosis.** Clinmed 2002 Aug 22;2002080004 Available from URL <http://clinmed.netprints.org/cgi/content/full/2002080004>
8. Marshall TG, Marshall FE: **Valsartan Dosing Regime Modulates Psychotic Events in Two Sarcoidosis Patients.** Clinmed 2002 Aug 29;2002080006 Available from URL <http://clinmed.netprints.org/cgi/content/full/2002080006>
10. Marshall TG: **Brown, et al, ACCESS Study finds Bacterial Pathogens in Sarcoidosis Patients.** JOIMR 2003; 1(2):2 Available from URL <http://www.joimr.org/phorum/read.php?f=2&i=26&t=26>
11. KEOGH EJ, SOMERVILLE C, GILES PFH, MALLAL SA, EVANS D, McCOLM SC, PARSONAGE J, MARSHALL T, ATTIKIOUZEL J, CLARKE I, WILSON D: **Ovulation induction with pulsatile gonadotrophin releasing hormone (GnRH).** Proc. Endocrine Society of Australia, 1982
12. GLATTHAR C, WATT P, MARSHALL TG, ATTIKIOUZEL J, WELBORN TA: **Profiling Insulin Requirements with a Portable Semi-programmable Insulin Pump.** Proceedings of the Australian Diabetic Society 1982, p40
13. KEOGH EJ, MALLAL SA, McCOLM SC, DUNN AG, MARSHALL T, ATTIKIOUZEL J, HAGUE R, BATESON N: **Induction of Spermatogenesis in Hypogonadotrophin Hypogonadism by pulsatile administration of GnRH.** Proc. Endocrine Society of Australia, 1982