

**Craig F. WILSON, B.Sc. (Hons.), M.Sc., MRSC**

**U Vodarny 2, 616 00 Brno, Czech Republic; Tel: +420 604 721 987; E-mail: [craigofw@gmail.com](mailto:craigofw@gmail.com)**

**Date of Birth: 10<sup>th</sup> October 1974; Place of Birth: Singapore; Nationality: British**



## **WORK EXPERIENCE**

**Mar 10 to Current**

**Product Manager:** Lambda CZ s.r.o., Lozibky 1, 614 00 Brno, Czech Republic. Swiss / Czech Biotechnology family company in research, innovation, sales and marketing in laboratory instruments to worldwide customers and distributors. Personally handling U.S / Canadian., U.K. / Ireland, Scandinavian, South African, S.E. Asian & Australasian markets.

**Feb 09 to Oct 09**

**Postgraduate Research:** National Centre of Biomolecular Research, Masaryk University, Brno, Czech Republic.

**Supervisor:** Dr. R. Stefl

**Project:** Solution Protein NMR and Structure Elucidation of RNA-Binding Proteins (Zinc Knuckle Proteins).

**Techniques:** Bruker DRX600 MHz, Topspin, SPARKY, Introduction into CYANA

**Jun 08 to Oct 08**

**Distillation Operative:** Essential Scottish Botanicals Ltd., Fanellan, Kiltarity, Beauly, Inverness-shire, IV4 7JP

Distillation of Bulk Plant Material (Bog Myrtle) at various sites around Scotland-Oban, Aviemore & Stirling for products for Boots the Chemist 'Botanics' range.

**Oct 03 – April 04**

**Postgraduate Research:** Institute of Pharmaceutical Chemistry, Szeged University, Eötvös u. 6, 6720, Hungary.

**Supervisors:** Prof. F. Fülöp & Dr. T. Martinek

**Project:** 'Self-Aggregation in the Aminophenols by Solution 2D NMR'

**Techniques:** XWINNMR, ChemDraw 2000, solution state NMR: DOSY / PFGSE, T<sub>1</sub>, molecular modelling: Hyperchem, Web MO Ab Initio.

**Jan 03 to Jul 03**

**Research Assistant (Research Staff):** School of Biological and Chemical Sciences, Birkbeck College, Main Building, Malet St., London, WC1E 7HX

**Supervisor:** Dr. M. Odlyha

**Project:** EC Funded (Community Research & Development Information Service (CORDIS))

- Improved Damage Assessment of Parchments (IDAP)
- Monitoring in Damaged Historical Tapestries (MODHT)
- Micro-Climate Monitoring In Cultural Heritage Preservation (MIMIC).

**Techniques:** TA, Grams 32 / Grams Galactic; TMA, TGA, DSC, DMTA, AFM / □TA), analysis of IR and solid-state NMR data.

**Sept 99 – Sept 03**

**Postgraduate Research:** The Purdie Building, School of Chemistry, North Haugh, St. Andrews, Fife, Scotland, KY16 9ST, U.K.

**Supervisor:** Dr. F. G. Riddell

**Courses:** Structural Biology, Irvine Lectures, MSI Insight II & GC-MS tutorial

**Project:** 'A Study of Conformational Analysis and Molecular Dynamics by NMR'

**Techniques:** VNNMR, NMR View, UNIX, Spinsight Windows, ChemDraw 98; solution state NMR: COSY, TOCSY, NOESY, NOE Build-up's; solid-state NMR: <sup>13</sup>C CP-MAS, VT, Calibration and T<sub>1ρ</sub>, EI-MS; molecular modelling: MSI Insight II, CDiscover 3 2000, MD, DSA, DG, Back Calculation, RMV, Synthesis of aminoalcohols, etherealcohols and halogenoalcohols.

**Feb 98 to Apr 98**

**Temp R&D Chemical Engineer:** Samuel Hodge Ltd., Penryn Ind. Est., Penryn, Nr. Falmouth, Cornwall, U.K.

Waste Treatment Research and Development (R&D) and testing on built prototype for use in estate areas.

**Aug 96 to Dec 96**

**R&D Chemist:** Mitsui Toatsu Chemicals (Asia) Ltd., 33 Shipyard Road, Singapore 628131.

Japanese Paint and Polymer Company; synthesis, Research and Development (R&D) and testing of polymer based paints for outdoor long-haul transport containers.

**Apr 96 to Jun 96**

**Technical Service Engineer cum Chemist:** McGean Rohco (S) Ltd., 6 Gul Link, Singapore 629376.

US Aviation Company (CeeBee); Head of Rohco div. (Singapore Div. – Electroplating), Quality Control (QC) laboratory, technical information, supervisor of distribution and packaging, servicing with sales team, building technical library for quick and easy reference.

**Oct 95 to Nov 95**

**Analytical Chemist:** Anglian Water Authority, Norwich, Norfolk, U.K. Total Suspended Solids (TOSS) analysis on Commercial and Industrial samples from a LIMS database.

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#### EDUCATION / INTERIM & QUALIFICATIONS

**Sept 98 – Sept 99**      **The Purdie Building, School of Chemistry, North Haugh, St. Andrews, Fife, Scotland, KY16 9ST, U.K.**  
**Degree:** M.Sc. Biological and Medicinal Chemistry (14/20; 2.1 class equivalent)  
**Supervisors:** Dr. F. G. Riddell & Dr. C. T. Weller  
**Project:** 'Solution 2D-NMR and Conformational Analysis of Monensin-A Alkali Metal Salts.'  
**Courses:** Bioinorganic Chemistry, Molecular Modelling, Organic Chemistry, Medicinal Chemistry, Structural Biology, Synthesis for Medicinal Chemistry, Advanced Spectroscopic Techniques, New Topics In Medicinal Chemistry, Pharmacology, Medicinal Selectivity and Targeting.  
**Techniques:** VNNMR, NMR View, UNIX, ChemDraw 98, Hyperchem; solution state NMR: COSY, TOCSY, NOESY, NOE Build-up's; molecular modelling: MSI Insight II, CDiscover 3 2000, MD, DSA, DG, Back Calculation, RMV

**Oct 92 – July 95**      **School of Chemical Sciences, University of East Anglia, University Plain, Norwich, Norfolk, NR4 7TJ, U.K.**  
**Degree:** B.Sc. Chemistry and Business Studies (3<sup>rd</sup> class (Hons.))  
**Supervisor:** Dr. A. Haines  
**Final Year:** Physical Chemistry, Inorganic Chemistry, Synthetic Methods in Organic Chemistry, Bioinorganic Chemistry, Medicinal Chemistry, Applied Chemistry, Heterocyclic Chemistry, Natural Product Chemistry, Accounting and Finance for Non-Specialists, Marketing and Corporate Strategy.

#### ACHIEVEMENTS, RESPONSIBILITIES & INTEREST

- I have been to many places where I have found cultural awareness and met colleagues / associates / acquaintances from different backgrounds; a learning curve in gaining international experience. I maintain an active interest in most sports.
- Leader of Science Café, Brno, CZ ([www.sciencecafe.cz](http://www.sciencecafe.cz))
- Chairman of a Juggling & Entertainment Society (University of St. Andrews)
- Chariman of a Travel & Expedition Information Society (UEA, Norwich)
- Member of The Royal Society of Chemistry (RSC (MRSC)).

#### PAPERS

- i. T. Martinek, F.G. Riddell, C. Wilson, C.T. Weller, The Conformations of Monensin-A Alkali Metal Complexes in Solution Determined by NMR Spectroscopy, **Journal of Chem. Soc., Perkin Trans II, 2000, 35.**
- ii. T. Matinek, F.G. Riddell, C. F. Wilson, The Conformations of Narasin Alkali Metal Complexes in Solution Determined by NMR Spectroscopy, **Journal of Chem. Soc., Perkin Trans II, 2000, 2192.**
- iii. F.G. Riddell, **Review:** Structure, Conformation, and Mechanism in the Membrane Transport of Alkali Metal Ions by Ionophoric Antibiotics; **Chirality, 2002, 14 (2-3), 121.**

#### GRANTS

- i. **British Council & OMFB Budapest:** 02/2000 – 04/2000
- ii. **British Council & OMFB Budapest:** 06/2001 – 08/2001
- iii. **University of St. Andrews:** 09/2001 – 09/2002
- iv. **Szeged University:** 10/2003 – 04/2004
- v. **Masaryk University & Dean's Award:** 02/2009 – 10/2009

#### REFERENCES

**Prof. F. Fülöp (Head of Department)**  
**Dr. T. Martinek (Associate Professor)**  
Institute of Pharmaceutical Chemistry  
Szeged University, Eötvös u. 6  
H-6720 Szeged, Hungary  
**Tel:** +36 62 545 768  
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**E-mail:** [martinek@pharm.u-szeged.hu](mailto:martinek@pharm.u-szeged.hu)

**Dr. Mark Agacan (Scientific Officer)**  
Biological Chemistry and Drug Discovery  
College of Life Sciences  
University of Dundee, Dow Street  
Dundee, DD1 5EH, U.K.  
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