

Curriculum Vitae



Michael A. Cahill, B.Sc. (Hons I), Ph.D.

Lecturer in Biochemistry
School of Biomedical Sciences
Charles Sturt University
Boorooma Street
Wagga Wagga NSW 2678 Australia
mcahill@csu.edu.au

Information valid as of: October 1, 2009

Date of birth: 6th June 1961
Place of birth: Wellington, NSW, Australia
Citizenship: Australian

Professional History

- Charles Sturt University, Wagga Wagga, NSW, Australia**
07/2008- *Lecturer in Biochemistry, School of Biomedical Sciences (permanent)*
- 1) Management Course & 2) Private project: Book Manuscript Authorship**
10/2007- 1) *Course in industrial project management (with MIT GmbH, Mainz, Germany)*
06/2008 2) *Completed a private book manuscript on antiquity (as yet unpublished)*
- ProteoSys AG, Mainz, Germany (& ProteoMed GmbH Tuebingen, 2000)**
02/2000- *Chief Research Officer & Scientific Co-founder*
09/2007 Development of proprietary commercial technologies. Goal directed vision.
Resource/finance planning of all publicly funded company projects. Organiser.
Management of all ProteoSys discovery cancer projects. Clinical proteomics.
Compiling and interpreting cancer discovery projects. Biological lateral thinker.
Identification of patentable content, drafting patents. Commercialiser.
- University of Tübingen, Germany**
04/1997- *Research Group Leader, Proteomics*
01/2000 Interfaculty Institute for Cell Biology (Prof. Alfred Nordheim)
Responsible for establishing a center for proteome research.
Undergraduate teaching in the Molecular Cellular Biology course.
- John Curtin School of Medical Research, Australian Natl. Univ., Canberra**
01/1996- *Postdoctoral Researcher, signal transduction & gene regulation*
02/1997 Independent scientist in the Division of Immunology and Cell Biology.
Signal transduction to Fos family of transcription factors. Molecular Biology.
- Institute for Molecular Biology, Medizinische Hochschule Hannover**
09/1994- *Postdoctoral Researcher, signal transduction & gene regulation*
11/1995 Bridging postdoctoral period in the same laboratory where I finished my PhD.
- 02/1990- *Ph.D. Student, (Medizinische Hochschule Hannover, Germany)*
08/1994 Lab work performed in Hannover for an external Ph.D. from the School of
Medicine, Department of Pathology, University of New South Wales.
Thesis Title: Structural and functional analyses of the Serum Response Factor.
- University of Utah, Salt Lake City, USA**
10/1988- *First year Ph.D. coursework, in Cellular, Viral and Molecular Biology program.*
12/1989 Tutoring undergraduate Biology. Course terminated due to family ill health (my
wife was allergic in Utah). My Grade Point Average was 3.96 out of 4.00 (99%)
- Pacific Biotechnology Pty. Ltd., Sydney**
07/1988- *Scientific Officer*
10/1988 Enzyme inactivation by site-directed *in vitro* mutagenesis of cloned PLA₂ cDNA.
- University of New South Wales, Kensington, NSW, Australia**
06/1986- *Lab Assistant Biochemistry*
02/1987 Recombinant DNA techniques, plasmid & phage preparations in E. coli., etc.
- 04/1988- *Technical Officer Zoology*
07/1988 Population analysis of ocean fish using isoenzyme protein electrophoresis.

Educational History	1990-1994	Ph.D., School of Pathology, Faculty of Medicine, University of New South Wales, Sydney, NSW, Australia <i>Lab work performed Externally in the group of Prof. Alfred Nordheim (Ph.D. co-supervisor), Medizinische Hochschule Hannover, Germany. PhD granted 02/1996</i> <u>Thesis Title</u> : “Structural and functional analyses of the Serum Response Factor” Focus on signal transduction and transcriptional regulation of the <i>c-fos</i> proto-oncogene. Protein preps, cloning, mutagenesis, kinase assays, EMSA, etc.	
	1983-1987	B.Sc., School of Biological Sciences, Faculty of Science, UNSW, Sydney BSc in Biochemistry and Zoology (1983-86), Honours I in Zoology (1987).	
	1979	Completed Higher School Certificate. Wellington High School, NSW Australia.	
Post-Doctoral Education	02-06/2009	Tertiary Teaching Colloquium (TTC; 1 semester course). CSU. The TTC values work-based professional practices, adopting a blended learning approach. It combines work-based learning, e-learning and the insights developed within a community of practice that meets face-to-face, and through networked learning.	
	08-10/2008	Fundamentals of University Learning & Teaching (FULT; 4 part workshop). FULT is a program of professional development workshops designed for new teaching staff at CSU. It has been planned to help develop organisational know-how and learning and teaching skills as the basis for more effective teaching, covering Planning, Preparation, Delivery, Evaluation & Reflection.	
Teaching	01-04/2008-	Project Management and Professional Communication Skills MIT GmbH (A daughter company of the Chamber of Industry and Trade), Mainz.	
	07-11/2009	Charles Sturt University, Wagga Wagga. Lecturer (80% Teaching duties) BMS243 Nutrition, Metabolism & Human Disease (Subject Coordinator. 100%. 18x Nutrition & Dietetics students). BMS241 Molecular Cell Biology (Subject Coordinator. 50%. 75x students). BMS301 Medical Science Special Topic. Intense supervision of 1 student.	
	02-06/2009	BCM210 Foundations & Techniques in Biochemistry (50%, 243x Sci. students). BCM211 Foundations in Biochemistry (50%. 96x Pharmacy students). BMS301 Medical Science Special Topic. Intense supervision of 5 students.	
	02/2009-	School of Biomedical Sciences Honours Coordinator.	
	08-11/2008	BMS243 Nutrition, Metabolism & Human Disease (Subject Coordinator. 85%. 19x Nutrition & Dietetics students). BMS241 Molecular Cell Biology (50%. 55x Science students). BMS307 Perspectives in Biotechnology (8% [topic 1 of 12]. 5x Science students.)	
	1997-1999	University of Tuebingen: Teaching in the undergraduate Cell and Molecular Biology course for two years. Duties included running Practical Courses.	
	1988-1989	University of Utah. Tutor for Biology 101, Dept. of Cell Viral & Mol. Biol.	
	Student supervision	1997-2000	University of Tuebingen. Together with Prof. A. Nordheim I co-supervised the Diplom thesis of a biochemistry student (Christian Korz) and the medical doctoral degree of a medical student (Lam Vuong).
		2009-	Charles Sturt University. Co-supervision of PhD Thesis. Noelia Roman.
	Peer Review	Reviewer for scientific journals and grant agencies Electrophoresis; Expert Review of Proteomics; J Chromatography A; J Proteome Research; Cancer Chemotherapy and Pharmacology; Proteomics; Proteomics - Clinical Applications; Rapid Communications in Mass Spectrometry, Georgian National Science Foundation grant reviewer.	
Journal Editor	Editor of scientific journals - The Open Proteomics Journal, http://www.bentham.org/open/toprotj		
Additional Information	Languages: English (native); German (fluent). Misc. Windows, MS Office, MS Project, Radiation Safety Officer.		
Attachments	Book Chapters; Publications; Patents; Conference Presentations; References; Grants		

Michael A. Cahill, PhD.,

October 1, 2009

- Neubauer H, Adam G, Seeger H, Mueck AO, Solomayer E, Wallwiener D, **Cahill MA**, Fehm T. 2009. Membrane-Initiated effects of progesterone on proliferation and activation of VEGF in breast cancer cells. *Climacteric*. 12:230-9.
<http://www.ncbi.nlm.nih.gov/pubmed/19340614>
- Langer R, Ott K, Specht K, Becker K, Lordick F, Burian M, Herrmann K, Schratzenholz A, **Cahill MA**, Schwaiger M, Hofler H, Wester HJ. 2008. Protein expression profiling in esophageal adenocarcinoma patients indicates association of heat-shock protein 27 expression and chemotherapy response. *Clinical Cancer Research*. 14:8279-87.
<http://www.ncbi.nlm.nih.gov/pubmed/19088045>
- Neubauer H, Clare S, Wozny W, Schwall GP, Poznanović S, Stegmann W, Vogel U, Sotlar K, Wallwiener D, Kurek R, Fehm T, **Cahill MA**. 2008. Breast cancer proteomics reveals correlation between Estrogen Receptor status and differential phosphorylation of PGRMC1. *Breast Cancer Research*. 10:R85.
<http://www.ncbi.nlm.nih.gov/pubmed/18922159>
- Cahill MA**. 2007. Progesterone Receptor Membrane Component 1: an integrative review. *J Ster Biochem Mol Biol*, 105:16-36. <http://www.ncbi.nlm.nih.gov/pubmed/17583495>
- Cahill MA**, Vogt JA, Servos J, Wozny W, Schwall GP, Groebe K, Schratzenholz A, Stegmann W. 2007. Metabolically stable isotope labeling prior to electrophoretic protein separation reveals differences in fractional synthesis rates between mitochondrial aldehyde dehydrogenase isoforms. *J Chromatogr A*, 1161:67-70.
<http://www.ncbi.nlm.nih.gov/pubmed/17466314>
- § Wozny W, Schroer K, Schwall GP, Poznanović S, Stegmann W, Dietz K, Rogatsch H, Schaefer G, Huebl H, Klocker H, Schratzenholz A, **Cahill MA**. 2007. Differential radioactive quantification of protein abundance ratios between benign and malignant prostate tissues: Cancer association of annexin A3. *Proteomics*, 7:313-322.
<http://www.ncbi.nlm.nih.gov/pubmed/17205602>
- Hunzinger C, Wozny W, Schwall GP, Poznanović S, Stegmann W, Zengerling H, Schoepf R, Groebe K, **Cahill MA**, Osiewicz HD, Jägemann N, Bloch M, Dencher NA, Krause F, Schratzenholz A. 2006. Comparative Profiling of the Mammalian Mitochondrial Proteome: Multiple Aconitase-2 Isoforms including N-formylkynurenine modifications as part of a protein biomarker signature for reactive oxidative species. *J Proteome Res*, 5:625-33.
<http://www.ncbi.nlm.nih.gov/pubmed/16512678>
- Neubauer H, Clare SE, Kurek R, Fehm T, Wallwiener D, Sotlar K, Nordheim A, Wozny W, Schwall GP, Poznanović S, Sastri C, Hunzinger C, Stegmann W, Schratzenholz A, **Cahill MA**. 2006. Breast cancer proteomics by laser capture microdissection, sample pooling, 54 cm immobilised pH gradient isoelectric focussing, and differential iodine radioisotope detection. *Electrophoresis*, 27:1840-52. <http://www.ncbi.nlm.nih.gov/pubmed/16645950>
- Poznanović P, Wozny W, Schwall GP, Sastri C, Hunzinger C, Stegmann W, Schratzenholz A, Buchner A, Gangnus R, Burgemeister R, **Cahill MA**. 2005. Differential radioactive proteomic analysis of microdissected renal cell carcinoma tissue by 54 cm isoelectric focusing in serial immobilized pH gradient gels. *J Proteome Res*, 4:2117-25.
<http://www.ncbi.nlm.nih.gov/pubmed/16335957>
- Poznanović P, Schwall G, Zengerling H, **Cahill MA**. 2005. Isoelectric focusing in serial immobilized pH gradient gels to improve protein separation in proteomic analysis. *Electrophoresis*, 26:3185-3190. <http://www.ncbi.nlm.nih.gov/pubmed/16041705>
- Vogt JA, Hunzinger C, Schroer K, Holzer K, Bauer A, Schratzenholz A, **Cahill MA**, Schillo S, Schwall G, Stegmann W, Albuszies G. 2005. Determination of fractional synthesis rates of mouse hepatic proteins via metabolic ¹³C-labeling, MALDI-TOF MS and analysis of relative isotopologue abundances using average masses. *Anal Chem*, 77:2034-42.
<http://www.ncbi.nlm.nih.gov/pubmed/15801735>
- Schratzenholz A, Wozny W, Klemm M, Schroer K, Stegmann W, **Cahill MA**. 2005. Differential and quantitative molecular analysis of ischemia complexity reduction by isotopic labeling of proteins using a neural embryonic stem cell model. *J Neurol Sci*, 229-230:261-7. <http://www.ncbi.nlm.nih.gov/pubmed/15760649>
- Davezac N, Tondelier D, Lipecka J, Fanen P, Demaugre F, Debski J, Dadlez M, Schratzenholz A, **Cahill MA**, Edelman A. 2004. Global proteomic approach unmasks involvement of keratins 8 and 18 in the delivery of cystic fibrosis transmembrane conductance regulator (CFTR)/deltaF508-CFTR to the plasma membrane. *Proteomics*, 4:3833-44.
<http://www.ncbi.nlm.nih.gov/pubmed/15529338>
- Schratzenholz A, Klemm M, **Cahill MA**. 2004. Potential of comprehensive Toxico-Proteomics: Quantitative and Differential Mining of Functional Proteomes from Native Samples. *ATLA (Alternatives To Laboratory Animals)*, 32 (Supplement 1):123-131.
<http://www.cababstractsplus.org/google/abstract.asp?AcNo=20043109968>
- Kurek R, Neubauer H, Clare S, Sotlar K, Nordheim A, **Cahill M**, Poznanovic S, Berth M,

- Kolbe M, Wallwiener D. 2003. Identifikation differentiell exprimierter Proteine in unterschiedlichen Progressionsstufen von Mammakarzinomgewebe mittels Lasermikrodissektion und Proteomanalyse. *Geburtsh Frauenheilk*, 63:H-S 09. <http://www.thieme-connect.com/ejournals/abstract/gebfra/doi/10.1055/s-2003-815167>
- Vogt JA, Schroer K, Hölzer K, Hunzinger C, Klemm M, Biefang-Arndt K, Schillo S, **Cahill MA**, Schrattenholz A, Matthies H, Stegmann W. 2003. Protein abundance quantification in embryonic stem cells using incomplete metabolic labelling with ¹⁵N amino acids, MALDI-TOFMS, and analysis of relative isotopologue abundances of peptides. *Rapid Comm Mass Spectrom*, 17:1273-1282. <http://www.ncbi.nlm.nih.gov/pubmed/12811750>
- Cahill MA**, Wozny W, Schwall G, Schroer K, Hölzer K, Poznanović S, Hunzinger C, Vogt JA, Stegmann W, Matthies H, Schrattenholz A. 2003. Analysis of relative isotopologue abundances for quantitative profiling of complex protein mixtures labelled with the acrylamide/D₃-acrylamide alkylation tag system. *Rapid Comm Mass Spectrom*, 17:1283-1290. <http://www.ncbi.nlm.nih.gov/pubmed/12811751>
- Poland J, **Cahill MA***, Sinha P. 2003. Isoelectric focusing in long immobilized pH gradient gels to improve protein separation in proteomic analysis. *Electrophoresis*, 24:1271-1275. (*corresponding author) <http://www.ncbi.nlm.nih.gov/pubmed/12707921>
- Vuong GL, Weiss, SM, Kammer W., Priemer M, Vingron M, Nordheim A, **Cahill MA**. 2000. Improved sensitivity proteomics by post-harvest alkylation and radioactive labelling of proteins. *Electrophoresis*, 21:2594-2605. <http://www.ncbi.nlm.nih.gov/pubmed/10949135>
- Heidenreich O, Neining A, Schratt G, Zinck R, **Cahill MA**, Engel K, Kotlyarov A, Kraft R, Kostka S, Gaestel M, Nordheim A. 1999. MAPKAP Kinase 2 phosphorylates Serum Response Factor *in vitro* and *in vivo*. *J Biol Chem*, 274:14434-14443. <http://www.ncbi.nlm.nih.gov/pubmed/10318869>
- Cahill MA**. 1997. c-Fos transrepression revisited. *FEBS Lett*, 400: 9-10. <http://www.ncbi.nlm.nih.gov/pubmed/9000503>
- Müller JM, **Cahill MA**, Rupec RA, Bäuerle PA, Nordheim A. 1997. Antioxidants as well as oxidants activate *c-fos* via Ras-dependent activation of extracellular-signal-regulated kinase 2 and Elk-1. *Eur J Biochem*, 244:45-52. <http://www.ncbi.nlm.nih.gov/pubmed/9063444>
- Cahill MA**, Nordheim A, Xu YZ. 1996. Crosslinking of SRF to the *c-fos* SRE CARG box guanines using photo- active thioguanine oligodeoxynucleotides. *Biochem Biophys Res Commun*, 229:170-175. <http://www.ncbi.nlm.nih.gov/pubmed/8954101>
- Cahill MA**, Janknecht, R., and Nordheim, A. 1996. Signalling pathways: Jack of all cascades. *Curr Biol*, 6: 16-19. <http://www.ncbi.nlm.nih.gov/pubmed/8805215>
- Cahill MA**, Peter ME, Kischkel FC, Chinnaiyan AM, Dixit VM, Krammer PH, Nordheim A. 1996. CD95 (APO-1/Fas) induces activation of SAP kinases downstream of ICE-like proteases. *Oncogene*, 13:2087-96. <http://www.ncbi.nlm.nih.gov/pubmed/8950975>
- Müller JM, **Cahill MA**, Nordheim A, Bäuerle PA. 1996. The transcription factor TCF/Elk-1: a nuclear sensor of changes in the cellular redox status. *Adv Exp Med Biol*, 387:77-84. <http://www.ncbi.nlm.nih.gov/pubmed/8794197>
- Ernst, WH., Janknecht, R., **Cahill, MA.**, and Nordheim, A. 1995. Transcriptional repression mediated by the serum response factor. *FEBS Lett*, 357:45-49. <http://www.ncbi.nlm.nih.gov/pubmed/8001676>
- Zinck R*, **Cahill MA***, Kracht M, Sachsenmaier C, Hipskind RA, Nordheim A. 1995. Protein synthesis inhibitors reveal differential regulation of mitogen- activated protein kinase and stress-activated protein kinase pathways that converge on Elk-1. *Mol Cell Biol*, 15:4930-4938. (*the first two authors contributed equally) <http://www.ncbi.nlm.nih.gov/pubmed/7651411>
- Janknecht R, **Cahill MA**, Nordheim A. 1995. Signal integration at the *c-fos* promoter. *Carcinogenesis*, 16:443-450. <http://www.ncbi.nlm.nih.gov/pubmed/7697796>
- Cahill MA**, Ernst WH, Janknecht R, Nordheim A. 1994. Regulatory squelching. *FEBS Lett*, 344:105-108. <http://www.ncbi.nlm.nih.gov/pubmed/8187867>
- Cahill MA**, Nordheim A, Janknecht R. 1994. Co-occurrence of CARG boxes and TCF sites within viral genomes. *Biochem Biophys Res Commun*, 205:545-551. <http://www.ncbi.nlm.nih.gov/pubmed/7999077>

Book Chapters

- Wozny W, Schwall GP, Sastri CS, Poznanović S, Stegmann W, Hunzinger C, Groebe K, **Cahill MA**. 2009. Differential ProteoTope radioactive quantification of protein abundance ratios. *Chapter 42 in: Protein Protocols Handbook* (3rd ed). JM Walker (Ed). Meth Mol Biol (Humana, NY). ISBN: 978-1-58829-880-5. pp. 449-477, *In press*. Due: October 2009
- Poznanović S, Wozny W, Zengerling H, Schwall GP, **Cahill MA**. 2009. 54 cm Serial Immobilized pH Gradient Isoelectric Focusing Over pH 4-9. *Chapter 30 in: Protein*

Protocols Handbook (3rd ed). JM Walker (Ed). Meth Mol Biol (Humana, NY). ISBN: 978-1-58829-880-5. pp. 269-277, *In press*. Due: October 2009

Neubauer H, Fehm T, Schuetz C, Speer R, Solomayer E, Schratzenholz A, **Cahill MA**, Kurek R. 2007. Proteomic expression profiling of breast cancer. *In: Recent Results in Cancer Research*, 176:89-120 Targeted Therapies in Cancer. Dietel M (Ed). (Springer, Berlin) ISBN:3-540-46090-X.

Cahill MA, Nordheim A. 2001. Proteome research in an academic environment. *In: Proteomics: from protein sequence to function*. Pennington SR & Dunn MJ (Eds). (New York: Bios Scientific Publishers Ltd.), pp. 277-288.

Cahill MA., Althöfer H, Nordheim A. 1996. MADS-domain transcription factors and their accessory proteins (TCFs): nuclear targets for growth control signals. *In: Cancer Genes: Functional Aspects*, Mihich E (Ed). (New York: Plenum Press), pp. 161-175.

Cahill MA, Janknecht R, Nordheim A. 1995. Signal uptake by the *c-fos* serum response element. *In: Inducible Gene Expression*, Baeuerle PA (Ed). (Boston: Birkhäuser Press), pp. 39-73.

Patent Applications

USE OF AT LEAST ONE ISOFORM OF PROGESTERONE RECEPTOR MEMBRANE COMPONENT 1 (PGRMC1). Publication info: WO2008037449 - 2008-04-03

<http://v3.espacenet.com/textdoc?DB=EPODOC&IDX=WO2008037449>

PHOSPHORYLATED OR NON-PHOSPHORYLATED MPR AS DIAGNOSTIC MARKER OR THERAPEUTIC TARGET. Publication info: WO2007039189 - 2007-04-12

<http://v3.espacenet.com/textdoc?DB=EPODOC&IDX=WO2007039189>

§ ANNEXIN FOR CANCER RISK ASSESSMENT. Publication info: WO2006125580 - 2006-11-30

<http://v3.espacenet.com/textdoc?DB=EPODOC&IDX=WO2006125580>

BREAST CANCER PROTEINS. Publication info: WO2006029836 - 2006-03-23

<http://v3.espacenet.com/textdoc?DB=EPODOC&IDX=EP1789804>

§ DIAGNOSTIC MARKER FOR CANCER. Publication info: WO2005078124 - 2005-08-25

<http://v3.espacenet.com/textdoc?DB=EPODOC&IDX=EP1720611>

SERIAL ISOELECTRIC FOCUSING OF IMMOBILIZED PH GRADIENTS. Publication info: WO2005026715 - 2005-03-24

<http://v3.espacenet.com/textdoc?DB=EPODOC&IDX=WO2005026715>

ISOELECTRICAL FOCUSING ON IMMOBILISED PH GRADIENTS. Publication info: WO2004023131 - 2004-03-18

<http://v3.espacenet.com/textdoc?DB=EPODOC&IDX=WO2004023131>

§ Use of annexin A3, or other proteins, as diagnostic markers for cancer, especially of the prostate, also use of modulators of these markers for treating cancer. Publication info: Patent number: DE102004038076 - 2005-09-01

<http://v3.espacenet.com/textdoc?DB=EPODOC&IDX=DE102004038076>

DIFFERENTIAL INDICATION OF LABELED MOLECULES. Publication info: WO03102627 - 2003-12-11

<http://v3.espacenet.com/textdoc?DB=EPODOC&IDX=WO03102627>

METHOD FOR QUANTIFYING MOLECULES. Publication info: WO03098182 - 2003-11-27

<http://v3.espacenet.com/textdoc?DB=EPODOC&IDX=WO03098182>

USE OF SUBSTANCES FOR TREATING TUMORS. Publication info: WO03086461 - 2003-10-23

<http://v3.espacenet.com/textdoc?DB=EPODOC&IDX=WO03086461>

METHOD FOR SEPARATING, PURIFYING AND IDENTIFYING PROTEINS FROM PROTEIN MIXTURES. Publication info: WO02098904 - 2002-12-12

<http://v3.espacenet.com/textdoc?DB=EPODOC&IDX=WO02098904>

IMPROVED PROTEIN ANALYSIS. Publication info: WO0194945 - 2001-12-13

<http://v3.espacenet.com/textdoc?DB=EPODOC&IDX=WO0194945>

MICROPREPARATIVE ISOELECTRIC FOCUSING. Publication info: WO0168225 - 2001-09-20

<http://v3.espacenet.com/textdoc?DB=EPODOC&IDX=WO0168225>

LABELLING OF PEPTIDES AND PROTEINS. Publication info: EP1059531 - 2000-12-13

<http://v3.espacenet.com/textdoc?DB=EPODOC&IDX=EP1059531>

REVERSIBLY FIXED GELS FOR GEL ELECTROPHORESIS. Publication info: EP1059529 - 2000-12-13

<http://v3.espacenet.com/textdoc?DB=EPODOC&IDX=EP1059529>

§ Wozny et al. 2007 & patents DE102004038076, WO2005078124 & WO2006125580 led to a multicenter clinical trial with the title: "Annexin A3 (ANXA3) as Protein-Based Marker for Non-Invasive Molecular Diagnostics of Prostate Carcinoma" with Identifier: NCT00400894: <http://clinicaltrials.gov/ct/gui/show/NCT00400894>

These patents were licensed to bioMérieux Clinical Diagnostics (Marcy l'Etoile, France) in September 2008.

§ See also Am. Urol. Assoc. annual meeting 2007: Webcast of Prof. Fritz H. Schroeder, M.D. (slides 9-11): http://webcasts.prous.com/aua2007/pop_up_bio.asp?sid=220&id=194&q=auto&v=auto&webcast=highlights&CID=&CLID=2

**Invited
Presentations**

- Charles Sturt University, School of Biomedical Science Research Seminar Series. August 7th 2009. Towards the role(s) of the putative membrane steroid receptor PGRMC1 in breast cancer. **M. Cahill.**
- John Curtin School of Medical Research School Seminar Series, Australian National University. 31st July, 2009. Towards the role(s) of the putative membrane steroid receptor PGRMC1 in breast cancer. **M. Cahill.**
- St. Vincent's Hospital Cancer Seminar Series, Melbourne. July 21st 2009. Towards the role(s) of the putative membrane steroid receptor PGRMC1 in breast cancer. **M. Cahill.**
- University of Newcastle, Cancer Research Unit Seminar, Newcastle NSW. 15th June 2009. Towards the role(s) of the putative membrane steroid receptor PGRMC1 in breast cancer. **M. Cahill.**
- Ludwig Institute for Cancer Research, Royal Melbourne Hospital. 5th June 2009. Towards the role(s) of the putative membrane steroid receptor PGRMC1 in breast cancer. **M. Cahill.**
- Monash Institute of Medical Research Seminar Series. Monash Centre for Cancer Research. 16th April 2009. Towards the role(s) of the putative membrane steroid receptor PGRMC1 in breast cancer. **M. Cahill.**
- Proteomic Forum 2009, March 29 to April 2, Berlin. Advisory board. **Cahill M.**
(http://www.ctw-congress.de/proteomicforum2009/society_committees.html)
- 2nd BMBF Colloquium Proteomics: New efficient methods for functional proteome analysis. 30 May - 1 June 2005. Potsdam, Germany. *ProteoTope analysis of cancer proteomes.* **Cahill M.**
- 1st Annual Meeting of the Portuguese Proteomics Network – ProCura. 17 November 2003. Lisbon, Portugal. *Molecular Analysis of Complex Biological Systems.* **Cahill M.**
- Computational Systems Biology (CSB) – Its future in Europe. Workshop organized by DG Research of the European Commission. 10-11 September 2003. Brussels. *Embryonic stem cell differentiation: Possible elements of a coordination action.* **Cahill M.**
- 1st BMBF Proteomics-Statusseminar. 11.-12. May, 2003. Bad Honnef, Germany. *ProteoTope analysis of microdissected proteomes.* Schwall G, Wozny W, Poznanovic S, C Sastri C, Kurek R, Clare S, Schroer K, Stegmann W, Schrattenholz A, **Cahill MA.**
- Forum Life Science 2003 together with the 21st DECHEMA Annual Biotechnology Meeting. 2-4 April 2003 (3 April). Technical University of Munich, Garching, Germany. *ProteoTope analysis of breast cancer genes.* **Cahill M,** Wozny W, Sastri C, Kurek R, Clare S, Poznanovic S, Stegmann W, Schrattenholz A.
- GBM Workshop "Bioanalytik für junge Wissenschaftler", 6-8 November 2000, Rauischholzhausen (near Giessen) Germany. *ProteoTope Proteomics.* **Cahill M.**
- Electrophoresis Forum 99, October 25-27, 1999, Technical University of Munich, Garching. *Improved sensitivity proteomics by post-harvest alkylation and radioactive labelling of proteins.* **Cahill M.**

Academic Grants: M. Cahill at Charles Sturt University (commenced 07/2008)

Grant body	Ref	Status	Applicants	Title	Period	Σ value
Charles Sturt University Competitive Grants	A105-900-639-40002	funded	M. Cahill	Structures of the protein pgrmc1 in complex with its ligands heme and progesterone	2009-2010	AUS 15,000
Charles Sturt University Publication Assistance Scheme	CSU A105-900-639-30007	funded	M. Cahill	Stable Isotope based Proteomics: An Approach for unbiased quantification and quality control	2009	AUS 1,000
Charles Sturt University Grant-writing Assistance Scheme	CSU A105-900-639-40003	funded	M. Cahill	Anti-ageing properties of plants (Grant writing assistance)	2009	AUS 1,000

Grants to ProteoSys AG written and/or managed by M. Cahill

ProteoSys AG was also involved in the following grants, which I either co-planned or managed within the company:

Granting body	Grant Title	Reference Number	Period	Financial Sum approved (To ProteoSys)
	MY ROLE			
European FP6 PRIORITY 1 (LifeSciHealth)	Development of new technologies for low abundance proteomics: Application to cystic fibrosis. (NEUPROCF)	LSHG-CT-2005-512044	1.6.2005 – 31-5-2008	300,000.00 €
I AUTHORED AND COSTED THE PROJECT APPLICATION FOR PROTEOSYS				
European FP6 PRIORITY 1: (LifeSciHealth)	Role of Mitochondria in Conserved Mechanisms of Ageing (MIMAGE)	LSHM-CT-2004-512020	1.1.2005 – 31.12.2010	571,405.00 €
I AUTHORED AND COSTED THE PROJECT APPLICATION FOR PROTEOSYS				
European FP5 Quality of life management of living resources	Development of UltraSensitive methods for proteome: application to cystic fibrosis Proposal Acronym : (EUOPROCF)	European FP5 Proposal Nr. QLRT 2000-01335	1.9.2001 – 31.8.2004	715,415.00 €
I COAUTHORED AND COSTED THE PROJECT, & SUPERVISED THE PROJECT AT PROTEOSYS.				
European FP5 Quality of life management of living resources	Prostate disorders: procurement of biomarkers & Pharmaceuticals (ProCure BioPharm)	European FP5 Proposal Nr. QLRT-2000-00159	1.1.2001 – 31.12.2004	214,291.00 €
I PLANNED & COAUTHORED THE PROTEOMICS PROJECT, & REPRESENTED PROTEOSYS AG WITHIN THE CONSORTIUM.				
German Human Genome Project [§]	Proteomanalyse von Brustkrebsgenen. Partners: Frauenklinik Tübingen, Decodon GmbH, Zellbiologie Tübingen	01 KW0102	1.9.2001 – 30.6.2005	554,595.75 €
I COAUTHORED & PLANNED THE PROTEOMICS, & WAS CONSORTIUM COORDINATOR.				
BMBF Proteomics [§]	Fraktionierung und Gewinnung von „Low Abundance“ Proteinen in der Proteomanalytik.	0312831	1.11.2001- 31.12.2003	678,304.00 €
I CONCEIVED & AUTHORED THE PROJECT, & WAS CONSORTIUM COORDINATOR.				

[§] I was consortium coordinator of these grants.

Academic Grants to M. Cahill at the University of Tuebingen

(Joint proteomics applications with Prof. Alfred Nordheim)

	Grant Title	Reference Number	Period	Financial Sum approved
	MY ROLE			
Deutsche Forschungs Gesellschaft (DFG) Mass-Spectrometry Initiative.	Medizinische Proteomanalyse: massenspektrometrische Identifizierung von Proteinen klinischer Biopsate.	DFG 120/11-1 (A 227)	October 1999	DM 719,000
I COAUTHORED THE GRANT WITH PROF. NORDHEIM. -> PE Biosystems Q-STAR purchase.				
University Clinics of Tuebingen	MALDI TOF Purchase.	Tuebingen Clinics internal	August 1998	DM 400,000
I COAUTHORED THE GRANT WITH PROF. NORDHEIM.				