

1) Academic and Professional Training:

1971 - 1975	B.S. Biochemistry	University of Wisconsin-Madison
1975 - 1978	M.S. Entomology (Toxicology)	University of Wisconsin-Madison
1978 - 1981	Ph.D. Entomology (Toxicology)	University of Wisconsin-Madison
1981 - 1983	NIEHS National Research Service Award Postdoctoral Trainee; Institute for Comparative and Environmental Toxicology, Cornell University.	
1983 - 1984	NIEHS National Research Service Award Postdoctoral Trainee; University of Wisconsin Center for Environmental Toxicology, University of Wisconsin-Madison.	
1984 - 1987	Postdoctoral Research Associate; Dept. of Pharmacology, Medical School, University of Wisconsin-Madison.	

2) Professional and Academic Appointments:

1975 - 1981	Research Assistant; Dept. Entomology, University of Wisconsin-Madison.	
1981 - 1983	Postdoctoral Trainee; Institute for Comparative and Environmental Toxicology, Cornell University.	
1983 - 1987	Research Associate; Dept. of Pharmacology and Environmental Toxicology Center, University of Wisconsin-Madison.	
3/87 - 6/92	Assistant Professor of Toxicology, School of Pharmacy and Pharmacal Sciences, Purdue University.	
7/92 - 3/96	Associate Professor of Toxicology, School of Pharmacy and Pharmacal Sciences, Purdue University	
7/92 - 3/96	Toxicology Graduate Studies Program Coordinator, Purdue University	
7/92 - 3/96	Associate Professor, Purdue University Cancer Center.	
3/96 - 6/06	Associate Professor of Toxicology, College of Pharmacy, Basic Sciences Division, Health Sciences Center, University of New Mexico, Albuquerque, NM	

6/96-12/00 Toxicology Graduate Programs Coordinator; College of Pharmacy, Health Sciences Center, University of New Mexico, Albuquerque, NM

11/97 – 5/08 Adjunct Associate Professor of Biochemistry, School of Medicine, Health Sciences Center, University of New Mexico, Albuquerque, NM

1/00 – 5/08 Chair, Pharmaceutical Sciences Division, College of Pharmacy, Health Sciences Center, University of New Mexico, Albuquerque, NM

1/01 – 12/04 Toxicology and Environmental Disease Research CORE 1 Director, UNM NIEHS Center for Environmental Health Sciences

4/01 – date “Visiting Professor” – Molecular and Environmental Toxicology Center/ School of Public Health – University of Wisconsin-Madison

7/02 – 11/02 Interim Dean – University of New Mexico College of Pharmacy

7/03- 7/06 Assistant Director, UNM NIEHS Center for Environmental Health Sciences

7/05 – 5/08 Vice Dean - University of New Mexico College of Pharmacy

6/06 - 5/08 Professor of Toxicology, College of Pharmacy, Pharmaceutical Sciences Division, Health Sciences Center, University of New Mexico, Albuquerque, NM

5/08 – date Adjunct Professor of Toxicology, College of Pharmacy, Pharmaceutical Sciences Division, Health Sciences Center, University of New Mexico, Albuquerque, NM

6/08 – 12/18 Professor and Head, Environmental and Molecular Toxicology, College of Agricultural Sciences, Oregon State University, Corvallis, OR.

2/12 – date Adjunct Professor, Dept. of Public Health, OSU College of Health and Human Sciences, Oregon State University, Corvallis, OR.

1/19 – date Professor, Environmental and Molecular Toxicology, College of Agricultural Sciences, Oregon State University, Corvallis, OR.

3) PUBLICATIONS: ORCID: 0000-0001-7759-2532

1. **Marcus, C.** and Lichtenstein, E.P. (1979) Biologically active components of anise: toxicity and interactions with insecticides in insects. *J. Agric. Food Chem.* 27:1217.
2. **Marcus, C.** and Lichtenstein, E.P. (1982) Interactions of naturally occurring food plant components with insecticides and pentobarbital in rats and mice. *J. Agric. Food Chem.* 30:563
3. Wilkinson, C.F., Murray, M., **Marcus, C.** and Dube, C. (1982) Mechanistic studies on the inhibition of cytochrome P-450-mediated mixed-function oxidation. Proc. 5th IUPAC Congress of Pesticide Chemistry, Kyoto, Japan. Pergamon Press, NY.
4. Murray, M., Wilkinson, C.F. and **Marcus, C.** and Dube, C. (1983) Structure-activity relationships in the interactions of alkoxymethylenedioxyphenyl derivatives with rat hepatic microsomal mixed function oxidases *in vivo*. *Mol. Pharmacol.* 24:129
5. Wilkinson, C.F., Murray, M. and **Marcus, C.** (1984) Interactions of methylenedioxyphenyl compounds with cytochrome P-450 and effects on microsomal oxidation. *Rev. Biochem. Toxicol.* 6:27
6. Murray, M., **Marcus, C.** and Wilkinson, C.F. (1985) Quantitative Structure-Activity relationships in the displacement of the dihydrosafrole-metabolite complex. *Quant. Struct.-act. Relat.* 4:18
7. **Marcus, C.**, Murray, M. and Wilkinson, C.F. (1985) Spectral and inhibitory interactions of methylenedioxyphenyl and related compounds with purified isozymes of cytochrome P-450. *Xenobiotica* 15(4):351-62
8. **Marcus, C.**, Turner, C. and Jefcoate, C.R. (1985) Binding by benzo[a]pyrene to purified cytochrome P-450c. *Biochemistry* 24:5115
9. Turner, C., **Marcus, C.** and Jefcoate, C.R. (1985) Selectivity in binding of hydroxylated benzo[a]pyrene derivatives to purified cytochrome P-450c. *Biochemistry* 24:5124
10. **Marcus, C.**, Murray, M., Wang, C. and Wilkinson, C.F. (1986) Methylenedioxyphenyl compounds as inducers of cytochrome P-450 and monooxygenase activity in the southern armyworm (*Spodoptera eridania*) and the rat. *Pest. Biochem. Physiol.* 26:310
11. Christou, M., **Marcus, C.** and Jefcoate, C.R. (1986) Selective interactions of cytochromes P-450 with the hydroxymethyl derivatives of 7,12-dimethylbenzo[a]anthracene. *Carcinogenesis* 7:871

12. **Marcus, C.**, Murray, M., Hetnarski, K. and Wilkinson, C.F. (1987) Methylenedioxyphenyl complexes with microsomal cytochrome P-450: *In vivo* complex formation in rat liver and in midgut tissues of the southern armyworm (*Spodoptera eridania*). *Pest. Biochem. Physiol.* 28:140
13. **Marcus, C.**, Wilson, N., Jefcoate, C., Wilkinson, C., and Omiecinski, C. (1990) Selective induction of cytochrome P-450 isozymes in rat liver by 4-n-alkylmethylenedioxybenzenes. *Arch. Biochem. Biophys.* 277:8-16
14. **Marcus, C.**, Wilson, N., Keith, I., Jefcoate, C. and Omiecinski, C. (1990) Selective expression of cytochrome P-450 isozymes by 4-n-alkyl-methylenedioxybenzenes in rat lung cells. *Arch. Biochem. Biophys.* 277:17-25
15. Pidgeon, C. Stevens, J., Otto, S., Jefcoate, C.R. and **Marcus, C.** (1991) Immobilized Artificial Membrane Chromatography: Rapid purification of functional membrane proteins. *Anal. Biochem.* 194:163-1734
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50. Andrew J. Annalora¹, James E. Summerton, Jeremy D. Bushman, Shawn O'Neil, **Craig B. Marcus**, and Patrick L. Iversen. (2018) "A K-Mer Based Transcriptomics Approach For Antisense Drug Discovery Targeting The Ewing's Family Of Tumors. Oncotarget. 2018 Jul 17; 9(55): 30568–30586s.
51. Annalora, Andrew J, Marija Jozic; **Craig B Marcus**, Patrick L Iversen,(2019) Alternative Splicing of the Vitamin D Receptor Modulates Target Gene Expression and Promotes Ligand-Independent Functions Subject to Environmental Splicing Control. Toxicology and Applied Pharmacology 364, 1 February 2019, pp. 55-67 PMID: 30552932
52. Andrew J. Annalora, **Craig B. Marcus**, and Patrick L. Iversen (2020). Alternative Splicing in the Nuclear Receptor Superfamily Redirects Human Metabolic Homeostasis. Drug Metabolism and Disposition. Drug Metabolism and Disposition. January 24, 2020, dmd.119.089102; DOI: <https://doi.org/10.1124/dmd.119.089102> PMID: 31980501
53. Kevin A. Lidberg, Andrew J. Annalora, Marija Jozic, Daniel J. Elson, Lu Wang, Theo K. Bammler, Susanne Ramm, Maria Beatriz Monteiro, Jonathan Himmelfarb, **Craig B. Marcus**, Patrick L. Iversen, and Edward J. Kelly. (2021) Efficacy and Safety of Antisense Oligonucleotides for Selective Modulation of Renal CYP3A5. Scientific Reports Sci Rep. Epub Feb. 25, 2021. DOI 10.1038/s41598-021-84194-w PMCID: PMC7907328