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EDUCATION

MBA - Colorado State University (Fort Collins) 2008
Accounting and Finance

Ph.D – Michigan State University 1984
Carnitine Octanoyltransferase from Mouse Liver Peroxisomes
Biochemistry/Enzymology

B.S. – University of California (Davis) 1979
Biochemistry/Carbohydrate Chemistry

TEACHING EXPERIENCE

1986 – 2004 Assistant Professor/Lecturer
Colorado State University – Fort Collins
Biochemistry Lecture and Laboratories

1995 – 2000 Adjunct Faculty
Front Range Community College
Chemistry

RESEARCH EXPERIENCE/SCHOLARLY ACTIVITIES

Textbooks

1. General, Organic, and Biochemistry, 12th Edition, B.Brown, S. Farrell, and O. Torres, Cengage Learning (2018)
2. Biochemistry, 9th edition by M.K. Campbell and S.O. Farrell. Cengage Learning (2017)
3. General, Organic, and Biochemistry, 11th Edition, B. Brown, M. Campbell, S.O. Farrell, and O. Torres, Cengage Learning (2015)
4. Biochemistry, 8th Edition, M. Campbell and S.O. Farrell, Cengage Learning (2012)
5. General, Organic, and Biochemistry, 10th Edition, B. Brown, M. Campbell, S.O. Farrell, and O. Torres, Cengage Learning (2011)
6. Biochemistry, 7th Edition, M. Campbell and S.O. Farrell, Cengage Learning (2010)
7. General, Organic, and Biochemistry, 9th Edition, B. Brown, M. Campbell, S.O. Farrell, and O. Torres, Cengage Learning (2008)
8. Biochemistry, 6th Edition, M. Campbell and S.O. Farrell, Cengage Learning (2008)
9. General, Organic, and Biochemistry, 8th Edition, B.Brown, M. Campbell, and S.O. Farrell, Brooks/Cole Publishers (2006)
10. Biochemistry, 5th Edition, M. Campbell and S.O. Farrell, Brooks/Cole Publishers (2005)
11. Experiments in Biochemistry: A Hands On Approach, 2nd edition. S.O. Farrell and L.E. Taylor. Brooks/Cole Publishers (2005)
12. Biochemistry, 4th Edition, M.Campbell and S.O. Farrell, Brooks/Cole Publishers (2002)
13. Experiments in Biochemistry: A Hands On Approach, S.O. Farrell and R. Ranallo, Saunders

- College Publishing (1999).
14. Hands On Biochemistry, S.O. Farrell, Saunders College Publishers (1997).

Articles

1. An inexpensive Western Blot experiment for the Undergraduate Laboratory, S.O. Farrell, J. Chem. Ed., **72:8**, 740 (1995)
2. A fast restriction enzyme experiment for the undergraduate biochemistry lab, S.O. Farrell, J. Chem. Ed. **71:12**, 1095 (1994).
3. You too can be a molecular biologist: A basic cloning experiment for the undergraduate biochemistry lab, S.O. Farrell, L.E. Farrell, and L.K. Dircks, J. Chem. Ed. **68:8**, 707-709 (1991).
4. An enzyme purification experiment for undergraduate biochemistry labs, S.O. Farrell and D. Choo, J. Chem. Ed. **66:8** 692-693 (1988).
5. Metabolic fate of acetyl carnitine in mice, S.O. Farrell, J.K. Vogel and L.L. Bieber, Biochem. Biophys. Acta. **876**, 175-177 (1985).
6. Properties of purified carnitine acyltransferases of mouse liver peroxisomes, S.O. Farrell, C.J. Fiol, J.K. Reddy and L.L. Bieber, J. Biol. Chem. **259**, 13089-13095 (1984).
7. Carnitine octanoyltransferase of mouse liver peroxisomes, S.O. Farrell and L.L. Bieber, Arch. Biochem. Biophys. **222**, 123-132 (1983).
8. Carnitine Acyltransferases, L.L. Bieber and S.O. Farrell, The Enzymes **16**, 627-655 (1983).
9. Functions of medium-chain and short-chain carnitine acyltransferases in liver peroxisomes, L.L. Bieber, R.E. Emaus, K.J. Valkner and S.O. Farrell, Fed. Proc. **41**, 2858 (1982).
10. Carnitine acyltransferases of liver peroxisomes, L.L. Bieber, K.J. Valkner and S.O. Farrell, Annl. NY. Acad. Sci. **386**, 395-396 (1981).

Presentations

1. Biochemistry Labs for the Non-Major" American Chemical Society Meetings, New Orleans, LA (2000).
2. Carnitine octanoyltransferase of mouse liver peroxisomes: Purification, properties and effect of hypoipidemic drugs. 67th Annual Meeting of the FASEB, Chicago, Illinois (1983).
3. Studies on the large amounts of carnitine octanoyltransferase associated with mouse liver peroxisomes. 65th Annual Meeting of the FASEB, Atlanta, Georgia (1981).

Trade Articles

1. Dodging Gooners on the Kenai, S.O. Farrell, Salmon, Trout, Steelheader, **24:4**, 34-40 (1991).
2. Bravo fish, bravo, S.O. Farrell, Salmon, Trout, Steelheader, 50-51, (1975).

SERVICE/PROFESSIONAL ACTIVITIES

Committees (CSU Fort Collins)

1. 1989-2004 Instructional Laboratory Improvement Committee
2. 1987-2004 Undergraduate Affairs Committee
3. 1987-1988 Computer Initiative Committee

References

Dr. Norman Curthoys
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