



• **Name:** Patricia M. Jones

• **Current Position:**

Professor of Pathology, University of Texas Southwestern Medical Center
Clinical Director, Chemistry and Metabolic Disease Laboratories at Children's
Medical Center, Dallas, Texas

• **Country:** United States

• **Educational Background:**

- Bachelor of Science (BS), Biology 1978
- Doctor of Philosophy (PhD), Molecular biology/biochemistry 1986
- Fellowship in Clinical Chemistry 1986-1988, ABCC board certification 1992

• **Professional Experiences:**

- Director, Stone Risk Lab, Children's Medical Center, 1988 – 1997
- Staff clinical chemist/consultant, Parkland Hospital, Dallas County, 1988 – present
- Assistant Director, Chemistry and Metabolic Disease Labs, 1988 – 2003
- Clinical Director, Chemistry and Metabolic Disease Labs, 2003 – present

• **Professional Organizations**

- American Association for Clinical Chemistry (AACC)
- National Academy of Clinical Biochemistry (NACB)
- Association for Clinical Biochemistry and Laboratory medicine (ACB)
- American Association for the Advancement of Science (AAAS)
- IFCC Taskforce on Pediatric Laboratory Medicine



•Main Scientific Publications:

1. Jones PM, Quinn R, Fennessey PV, Tjoa S, Goodman SI, Fiore S, Burlina AB, Rinaldo P, Boriack, RL, Bennett MJ. Improved stable isotope dilution-gas chromatography-mass spectrometry method for serum or plasma free 3-hydroxy-fatty acids and its utility for the study of disorders of mitochondrial fatty acid β -oxidation. *Clin Chem.* 2000 46(2):149-155. PMID: 10657369
2. Jones PM, Moffitt M, Joseph D, Harthcock PA, Boriack RL, Ibdah JA, Strauss AW, Bennett MJ. Accumulation of free 3-hydroxy-fatty acids in the culture media of fibroblasts from patients deficient in long-chain L-3-hydroxyacyl-CoA dehydrogenase: a useful diagnostic aid. *Clin Chem.* 2001 47(7):1190-1194. PMID: 11427448
3. Jones PM, Butt YM, Messmer B, Boriak, R, Bennett MJ. Medium-chain fatty acids undergo elongation before β -oxidation in fibroblasts. *Biochem Biophys Res Comm.* 2006 346(1):193-197. PMID: 16750167
4. Jones PM, Bennett MJ. Disorders of the carnitine cycle and mitochondrial fatty acid oxidation, in Garg U, Smith L, Heese B, (eds), *Laboratory diagnosis of inherited metabolic diseases*, AACC Press, Washington DC, 2012, Chapter 5, pp. 65-91.
5. Jones PM, Rakheja D: *A Quick Guide to Organic Acid Interpretation*, AACC Press, Washington DC, 2011, 147 pages.
6. Jones PM. *Clinical Chemistry in Paediatrics*. In: *eLS Citable Reviews in Life Sciences*, John Wiley & Sons, Ltd: Chichester, 2012, <http://www.els.net/> DOI: 10.1002/9780470015902.a0023398 (July 2012)
7. Jones, PM. *Pediatric Clinical Biochemistry: Why is it Different*, in Dietzen D, Bennett MJ, Wong E (eds), *Biochemical and Molecular Basis of Pediatric Disease*, 4th Edition, AACC Press, Washington DC, 2010, Chapter 1, pp1-9.