

# Curriculum Vitae for Lori Rochelle

**Lori Rochelle**

**Santa Fe, NM 87507**

## EDUCATION

- 1989      PhD, Toxicology  
Oregon State University  
Corvallis, OR, USA
- 1981      BS, Biology  
University of North Carolina at Chapel Hill  
Chapel Hill, NC, USA

## PROFESSIONAL EXPERIENCE

- Dec 2021 to Nov 2024      Principal Medical Writer, Strategic Alliance Medical Writing  
Syneos Health, Clinical Division  
Home Based – NM, USA
- Served as project lead/manager for writing projects including clinical study reports. Led teams that included clinical research physicians, statisticians, and regulatory experts.
- May 2013 to Dec 2021      Senior Medical Writer, Strategic Alliance Medical Writing  
Syneos Health, Clinical Division  
Home Based – NC and NM, USA
- Jul 2011 to May 2013      Medical Writer II, Strategic Alliance Medical Writing  
Syneos Health, Clinical Division  
Home Based – NC, USA
- Mar 2011 to Jul 2011      Freelance Medical Writer  
Self-employed  
Durham, NC, USA
- Developed medical simulations and other continuing medical education materials for continuing medical education.
  - Helped to create and served as principal writer for the Multiple Sclerosis Specialist certification exam guide book for CMSC (a professional consortium).
- Jun 2010 to Mar 2011      Medical Writer  
TCL Institute, LLC  
Cary, NC, USA
- Prepared and created comprehensive continuing medical education online and live program materials for key expert neurologists to present for topics of cervical dystonia, blepharospasm, multiple sclerosis, and Parkinson's disease.

- Creation of programs required staying up-to-date with current congresses and international meetings.
- Wrote grant materials (needs assessments) on a variety of topics.

Sep 2009 to Jun 2010      Contract Medical Editor  
I3 Statprobe  
Durham, NC, USA

May 2009 to Sep 2009  
and  
Dec 2005 to Sep 2007      Freelance Medical Writer  
Self-employed  
Durham, NC, USA

- Developed contracts and performed contract writing

Sep 2007 to Apr 2009      Medical Writer II  
Kendle International  
Durham, NC, USA

1989 to 2005      Various postdoctoral positions at Dartmouth, NC State, and UNC – Chapel Hill doing bench research.

## **PUBLICATIONS/PRESENTATIONS**

Kreda, S.M., Mall, M., Mengos, A., **Rochelle, L.**, Yankaskas J., Riordan, J.R., Boucher, R.C. Characterization of wild-type and deltaF508 cystic fibrosis transmembrane regulator in human respiratory epithelia. *Mol Biol Cell*. 2005 May;16(5):2154-67. Epub 2005 Feb 16.

Chan, L.N., Tsang, L.L., Rowlands, D.K., **Rochelle, L.G.**, Boucher, R.C., Liu, C.Q., and Chan, H.C. (2002). Distribution and regulation of ENaC subunit and CFTR mRNA expression in murine female reproductive tract. *J. Membrane Biol*. 185:165-176.

Lazarowski, E.R. **Rochelle, L.G.**, O'Neal, W.K., Ribiero, C.M.P., Grubb, B.R., Zhang, V., Harden, T.K., Boucher, R.C. (2001). Cloning and functional characterization of two murine uridine nucleotide receptors reveal a potential target for correcting ion transport deficiency in cystic fibrosis gallbladder. *J. Pharm. Exp. Ther.* 297(1):43-49

**Rochelle, L.G.**, Li, D.C., Ye, H., Talbot, C.R., and Boucher, R. C. (2000) Distribution of ion transport mRNAs throughout murine nose and lung. *Am. J. Physiol.* 279:L14-L24.

Fischer, B. M., **Rochelle, L.G.**, Voynow, J.A., Akley, N.J., and Adler, K.B. (1999). Tumor necrosis factor alpha stimulates mucin secretion and cyclic GMP production by guinea pig tracheal epithelial cells in vitro. *Am. J. Resp. Cell Mol. Biol.* 20:413-422.

**Rochelle, L.G.**, Fischer, B.M., and Adler, K.B. (1998). Concurrent production of reactive oxygen and nitrogen species by airway epithelial cells in vitro. *Free Rad. Biol. Med.* 24:863-868.

Kruszyna, H., Magyar, J.S., **Rochelle, L.G.**, Russell, M.A., Smith, R.P. and Wilcox, D.E. (1998). Spectroscopic studies of nitric oxide (NO) interactions with cobalamins: reaction of NO with superoxocobalamin(III) likely accounts for cobalamin reversal of the biological effects of NO. *J. Pharm. Exp. Ther.* 285:665-671.

Martin, L.D., Krunkosky, T.M., Dye, J.A., Fischer, B.M., Jiang, N.F., **Rochelle, L.G.**, Akley, N.J., Dreher, K.L., and Adler, K.B. (1997). The role of reactive oxygen and nitrogen species in the response of airway epithelium to particulates. *Environ. Health Perspectives.* 105(supplement 5):1301-1307.

Martin, L.D., **Rochelle, L.G.**, Fischer, B.M., Krunkosky, T.M., and Adler, K.B. (1997). Airway epithelium as an effector of inflammation: molecular regulation of secondary mediators. *Eur. Resp. J.* 10:2139-2146.

**Rochelle, L.G.**, Fischer, B.M., Krunkosky, T.M., Wright, D.T. and Adler, K.B. (1996). Environmental toxins induce intracellular responses of airway epithelium through reactive species of oxygen and nitrogen. *Chest Supplement*109:35S-39S.

Wright, D.T., Fischer, B.M., Li, C., **Rochelle, L.G.**, Akley, N.J., and Adler, K.B. (1996). Oxidant stress stimulates mucin secretion and PLC in airway epithelium via a nitric oxide-dependent mechanism. *Am. J. Physiol.* 271:L854-L861.

**Rochelle, L.G.**, Kruszyna, H., and Smith, R.P. (1996). Electron paramagnetic detection of nitric oxide in biological samples. *Methods in Neurosciences* 31:3-13.

**Rochelle, L.G.**, Morana, S.J., Kruszyna, H., Russell, M.A., Wilcox, D.E., and Smith, R.P. (1995). Interactions between hydroxocobalamin and nitric oxide (NO): evidence for a redox reaction between NO and reduced cobalamin and reversible binding to oxidized cobalamin. *J. Pharm. Exp. Ther.* 275:48-52.

**Rochelle, L.G.**, Kruszyna, H., Kruszyna, R., Barchowsky, A.B., Wilcox, D.E., and Smith, R.P. (1994) Activation of nitroprusside by porcine endothelial cells. *Tox. Appl. Pharm.* 128:123-128.

Wang, Y., **Rochelle, L.G.**, Kruszyna, H., Kruszyna, R., Smith, R.P., and Wilcox, D.E. (1994). An impurity present in some samples of SIN-1 oxidizes it to nitric oxide in anaerobic solutions. *Toxicology* 88:165-176.

**Rochelle, L.G.** and Curtis, L.R. (1994). Distribution of chlordecone to liver plasma membranes and recovery from hepatobiliary dysfunction in rats. *Toxicology* 86:123-134.