

## CURRICULUM VITAE

Robin Kimberly Cloues

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### Education

1991-1994	Ph.D.	University College London, Univ. of London, Pharmacology
1988-1990	M.Sc.	Harvard University, Neuroscience
1984-1988	B.A.	Barnard College, Columbia Univ., <i>cum laude</i> Biology

### Teaching Experience

2015-pres	Affiliate Professor, Lab Manager.	Regis College, Denver, CO
2001-2015	<i>Adjunct Professor.</i>	Regis College, Denver, CO.
2007-2015	<i>Adjunct Instructor.</i>	Red Rocks Community College, Lakewood, CO.
2006	<i>Adjunct Instructor.</i>	Front Range Community College, Denver, CO.
1993	<i>Teaching Assistant.</i>	Pharmacology Practicals, University College London.
1992	<i>Course Assistant.</i>	Microelectrode Techniques Workshop, Plymouth, England.
1992	<i>Teaching Assistant.</i>	Clinical Practicals, University College London.
1993		
1990	<i>Course Coordinator.</i>	Neural Systems and Behavior, Woods Hole, MA.
1990	<i>Teaching Fellow.</i>	Harvard University, Boston, MA

### Research and other Work Experience

2003-pres.	<i>Consultant.</i>	Barnard College, NY, NY Contact: Rae Silver, Ph.D.
2004-pres.	<i>Independent Contractor.</i>	SciTechEdit, International. Contact: Karin Mesches, PhD
2004	<i>Consultant.</i>	Trinity College, Hartford, CT. Contact: Susan Masino, PhD
1996-2002	<i>Postdoctoral Fellow.</i>	Department of Pharmacology University of Colorado Health Sciences Center, Denver, CO Supervisor: William Sather, Ph.D.
2001-2002	<i>Adjunct Research Associate Professor.</i>	Barnard College, New York, NY.
1994-1996	<i>Postdoctoral Fellow.</i>	Vollum Institute, OHSU, Portland, OR Supervisor: Neil Marrion, Ph.D.

- 1994            *Volunteer.* Society for Environmental Exploration (Frontier), Uganda.
- 1991-1994      *Doctoral research.* Dept. of Pharmacology, University College London.  
Thesis title: ATP-activated channels in rat superior cervical ganglion neurons and their modulation by extracellular zinc. Supervisor: David Brown, Ph.D.
- 1989            *Participant.* Neural Systems and Behavior Course, Woods Hole, MA.
- 1984-1988      *Lab Technician.* Barnard College, New York, NY.  
Supervisor: Rae Silver, Ph.D.

## Community Outreach

- 2003-2006      Regis College Neuroscience Outreach Program.
- 2003            *Guest teacher.* Jefferson County Open School. Developed neuroscience curriculum for 5-6<sup>th</sup> grade classroom.
- 2001            *Participant.* K-12 Workshop of the Committee on Neuroscience Literacy. Society for Neuroscience Annual Meeting.
- 2000            *Guest teacher.* Slavens Elementary School, Denver, CO, and Montessori Peaks Academy, Littleton, CO.  
National Brain Awareness week presentations to 4<sup>th</sup> grade students.
- 2000            *Science Fair Judge.* Elk Creek Elementary School, Conifer, CO.  
Judged human body/health presentations for K-12 children.

## Awards and Honors

- 2002            Regis College Sparcs Award
- 1997            American Heart Association Fellowship
- 1992            Prize, Postgraduate Student Poster Competition
- 1991            Dean's Scholarship, University College London
- 1991            Wellcome Prize Studentship
- 1991            Citation of Merit, Association for Women in Science Educational Foundation
- 1990            Travelling Scholar, University College London
- 1988            Grace Potter Rice Fellowship
- 1988            Lucyle Hook Travel Fund
- 1987            Donald Ritchie Travel Fund

## Publications

LeSauter, J, Silver, R, **Cloues, R**, Witkovsky, P (2011). Light exposure induces short- and long-term changes in the excitability of retinorecipient neurons in suprachiasmatic nucleus. *J. Neurophysiol.* 106:576-588.

Tavalin, SJ, Shepherd, D, **Cloues RK**, Bowden, SE, Marrion NV (2004). Modulation of single channels underlying hippocampal L-type current enhancement by agonists depends on the permeant ion. *J. Neurophysiol.* 92: 824-37.

**Cloues, RK**, and Sather, WA (2003). Afterhyperpolarization regulates firing rate in neurons of the suprachiasmatic nucleus. *J. Neuroscience* 23: 1593-1604.

**Cloues, RK**, Cibulsky, SM, and Sather, WA (2000). Ion interactions in the high-affinity binding locus of a voltage-gated  $\text{Ca}^{2+}$  channel. *J. General Physiology* 116: 569-586.

**Cloues, RK**, and Sather, WA (2000). Permeant ion binding affinity in subconductance states of an L-type  $\text{Ca}^{2+}$  channel expressed in *Xenopus laevis* oocytes. *J. Physiology* 524: 19-36.

**Cloues, R**, Tavalin, SJ, and Marrion, NV (1997).  $\alpha$ -adrenergic stimulation selectively inhibits long-lasting L-type calcium channel facilitation in hippocampal pyramidal neurons. *J. Neurosci.* 17: 6493-6503.

**Cloues, R**, and Marrion, NV (1996). Conduction properties of the M-channel in rat sympathetic neurons. *Biophysical J.* 70: 806-812.

**Cloues, R** (1995). Properties of ATP-gated channels recorded from rat sympathetic neurons: voltage dependence and regulation by  $\text{Zn}^{2+}$  ions. *J. Neurophysiol.* 73: 312-319.

**Cloues, R**, Jones, S, and Brown, DA (1993).  $\text{Zn}^{2+}$  potentiates ATP-activated currents in rat sympathetic neurons. *Pflugers Arch* 424: 152-158.

Robbins, J, **Cloues, R**, and Brown, DA (1992). Intracellular  $\text{Mg}^{2+}$  inhibits the  $\text{IP}_3$ -activated  $\text{I}_{\text{K}(\text{Ca})}$  in NG108-15 cells. [Why intracellular citrate can be useful for recording  $\text{I}_{\text{K}(\text{Ca})}$ ]. *Pflugers Arch* 420: 347-353.

**Cloues, R**, Lash, C and Silver, R (1990). Vasoactive intestinal polypeptide-like immunoreactivity during reproduction in doves: influence of experience and number of offspring. *Hormones and Behavior* 24: 215-231.