

Curriculum Vitae
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ACADEMIC TRAINING:

1979 Ph.D.	Boston University, Boston, MA (Anatomy)
1976 M.A.	Boston University, Boston, MA (Anatomy)
1972 M.A.	Princeton University, Princeton, NJ (Romance Languages)
1969 B.A.	Wellesley College, Wellesley, MA (French)

POSTDOCTORAL TRAINING:

1980-1982	Research Associate, Dept. of Ophthalmology, Med. Univ. of S.C., Charleston, S.C.
1979-1980	Research Fellow, Dept. of Neurology, Children's Hosp. Med. Center and Harvard Med. Sch., Boston, MA
1978-1979	Postdoctoral Fellow, Div. of Biology, Caltech, Pasadena, CA

ACADEMIC APPOINTMENTS:

2020- 2022	Visiting Scientist, Dept. Neurobiology, Harvard Medical School, Boston
2012-	Research Professor, Dept. Anatomy & Neurobiology, Boston Univ. Sch. Medicine
2012-	Research Affiliate, Brain and Cognitive Science, MIT, Cambridge, MA
2009-2016	Visiting Professor, Cold Spring Harbor Laboratory, Cold Spring Harbor, NY
2009-2012	Senior RIKEN Research Scholar, RIKEN-MIT Center for Neural Circuit Genetics, Picower Institute, MIT, Cambridge, MA
2008-2009	Adjunct Professor, Nat'l. Inst. for Physiological Sciences (NIPS), Okazaki, Japan
2006-2008	Adjunct Professor, Saitama University (Grad. Sch. Of Science and Engineering), Saitama, Japan
2000-2010	Lab Head, Brain Science Inst., RIKEN, Wako, JP (Adjunct:Oct.2009-April 2010)
1996-1999	Director, Neuroscience Interdisciplinary Grad. Program, Univ. of Iowa, Iowa City, IA
2000- 2015	Adjunct Professor, Dept. of Neurology, Univ. of Iowa
1994-2000	Professor, Dept. Neurology, Univ. of Iowa, Iowa City, IA
1992-2000	Member, Program in Neuroscience, Univ. of Iowa, Iowa City, IA
1991-1994	Assoc. Professor, Dept. of Neurology and Carver Investigator in Neuroscience, Univ. of Iowa, Iowa City, IA
1988-1991	Assist. Prof. Dept. of Anatomy, Boston Univ., Boston, MA (Adjunct, 1983-1988)
1986-1988	Associate Scientist, Schepens Eye Research Inst., Boston, MA
1983-1986	Research Fellow, Dept. of Neurology, MGH and Harvard Medical Sch., Boston, MA
1983-1986	Senior Scientist, Southard Lab. of Neuropath., E.K. Shriver Center, Waltham, MA

DEPARTMENTAL AND UNIVERSITY COMMITTEES:

2022-2023	co-Organizer for BU Pandya Symposium (June 15, 2023)
2022-2023	Member, Committee to Organize HM materials and website
2020-	Member, Faculty Search Committee, Dept. Anatomy&Neurobiology
2014-2021	Member, Graduate Student Qualifying Exam, Dept. Anatomy&Neurobiology, BUSM
2023-	Member, Graduate Student Qualifying Exam, Dept. Anatomy&Neurobiology, BUSM
2001, 2004	Member, Summer School Committee, RIKEN BSI
1996-1999	Neuroscience Graduate Admissions Committee (Univ. of Iowa)
1996-1999	Neuroscience Graduate Qualifying Exam Committee (Univ. of Iowa)
1996-1999	Neuroscience Graduate Curriculum Committee (Univ. of Iowa)
1994-1996	Animal Care Committee (Univ. of Iowa)

TEACHING EXPERIENCE AND RESPONSIBILITIES:

- 2020 (September) 9.011 Cognitive Neuroscience (Desimone and Miller) Two lectures (neuroanatomy)
- 2018-2020 Scientific writing (instructor)
- 2014 - AN 724 Advanced Human Neuroanatomy (Course co-Director), alternate years
- 2013-2022 Limbic System lecture (in Basic Neuroscience Survey GMS BN777)
- 2012 Sheep Brain Dissection “Discover Freshman Pre-orientation Program” (MIT)
- 2012 “Educational Unit”: Navigating the myelin-stained mouse brain,
<http://www.brainarchitecture.org/educational-units> (Mitra Lab website, CSHL)
- 2010, 2011 CSHL Workshop: Circuits and Connectivity (co-organizer with Partha Mitra and Menno Witter), lectures and practicum (survival surgery)
- 2009 Guest lecturer 9.691 (MIT) “Introduction to Connectomics” (Sebastian Seung)
- 2008, 2009 Graduate lectures, NIPS (Okazaki, Japan)
- 2006, 2007 BSI Tutorial
- 2006, 2007 RIKEN-BSI Retreat, neuroanatomy overview
- 2007, 2008 Saitama Univ. lecture series for undergraduates (5 sessions)
- 2000, 2007 RIKEN BSI Summer School
- 1998, 1999 Topics in Systems Neurosci.(132:335), and Neurosci.Seminar (132:265), Univ. of Iowa
- 1992-1994, 1997-1999 Medical Neuroscience Lecturer and Lab Instructor, Univ. of Iowa
- 1989-90 Neuroscience and Histology Lab Instructor, Dept. of Anatomy, BUSM
- 1983-84 Neuroscience Lab Instructor, Boston Univ. Sch. Medicine
- 1980-83 Neuroanatomy Instructor, Medical Univ. of South Carolina
- 1977-78 Neuroscience Lab Instructor, Boston Univ. Sch. Medicine

MAJOR MENTORING ACTIVITIES:

Postdoctoral Fellows and Research Associates supervised (RIKEN BSI and, pre-2000, Univ. Iowa)

- 2016-2017 Christina Tognoni, Ph.D., Boston University
- 2009 (5/09-8/09) Michele Pignatelli: Visiting Fellow (EPFL); now Research Associate, Tonegawa Lab (Picower Inst., MIT)
- 2007-2009 Tohru Kurotani: Postdoctoral Fellow, now Senior Scientist, ERATO (JP), Dr. Okanoya team
- 2007-2009 Atsuko Miyashita: Postdoctoral Fellow, now Assist. Prof., Yokohama (JP)
- 2007-2008 Elena Borra: predoctoral intern (Univ. Parma), now Assoc. Prof. Univ. of Parma
- 2004-2007 Ryohei Tomioka: Instructor, Kumamoto Univ. (JP)
- 2003-2006 Kosuke Imura: Assistant Prof., Yokohama (JP)
- 2003-2007 Toshio Miyashita: now Senior Assist. Prof., Teikyo University, Japan
- 2001-2008 Noritaka Ichinohe: Research Scientist, now Director, Dept. of Ultrastructural Research, National Institute of Neuroscience, Kodaira, Japan
- 2000-2004 Hisayuki Ojima: Research Scientist, now Senior Scientist, Tokyo Medical and Dental Univ., Graduate School of Medical and Dental Sciences (JP)
- 2000-2004 Yongmei Zhong: Professor, Fudan University, Shanghai
- 1999-2002 Hongbin Li: Postdoctoral Fellow (and unknown)
- 1998-2000 Song-Lin Ding: Postdoctoral Fellow, now Staff Member, Allen Brain Inst., Seattle
- 1996-1998 Bryan Wellman: Neurosurgery Resident, now private practice
- 1993-1994 Changjun Shi: Postdoctoral Fellow (and unknown)

Master Students (MAMS), Boston University

2015 - 2016 Amy Zhang

2015 - 2016 Daniel Lee

Summer Research (2015)

Gregory Lorraine (2nd year Med. Student)

Thesis committees

2023-	Chair, Research Advisory Committee: Ana Morello Megias
2023-	Member, Research Advisory Committee: Davis Reina-Guerra
2022 -2023	Member, Research Advisory Committee: and Defense Committee: JoColl Burgess
2022 (July 28)	Member, Thesis Committee: Alexandra Tsolias (Anatomy&Neurobiology)
2022 (Nov.7)	External member Qual. Exam (Zoom), Catarina Micaelo Fernandes, U. Montreal
2021	Chair, Thesis Committee: Songjun William Li (Anatomy&Neurobiology, BUSM)
2017	External member, Thesis Committee: Grethe Olsen (advisor: Menno Witter), Norwegian University of Science and Technology
2016	External member, Thesis Committee: Razvan Gamanut (advisor: Henry Kennedy), Universite Claude Bernard Lyon 1 (France)
2016	External member, Thesis Committee: Loic Gamanut (advisor: Henry Kennedy), Universite Claude Bernard Lyon 1 (France)
2016	Member, Thesis Committee: Ruiyi Ren; Chris Lim (Anatomy&Neurobiology, BUSM)
2014	Member, Thesis Committee: Shaun Patel; Teresa Guillamon-Vivancos (Anatomy&Neurobiology, BUSM)
2014	External member: Parul Kaushal (All India Institute of Medical Sciences)
2012 (April)	External member: Vadim Pinskiy, Dept. Biomedical Engineering, SUNY at Stonybrook
2011 (Dec.)	External Member: Zi Wei Zhang, School of Optometry, Univ. of Montreal
1992-1999	University of Iowa: Sonia Witte (Dept. of Physiology), Ann Nicolson (Dept. of Biology), Ai Li (Neuroscience), Yonhua Tai (Anatomy and Cell Biol.), Jean Augustinack (Anatomy and Cell Biol.), Josef Parvizi (Neuroscience)

Undergraduate Research Supervisor:

2020-2021	Mitali Sakharkar (BU Junior; “Stria Terminalis”)
2017	2 BU undergraduates
2000-2009	9 summer interns (2 months term) RIKEN Brain Science Institute
1991-1999	12 interns at University of Iowa (NSF Summer Fellows; and Honors Research)

MAJOR ADMINISTRATIVE RESPONSIBILITIES:

2024-	Member, (external) Scientific Advisory Board, "Brain Connects" (Ugurbil, PI)
2024-	Advisor (neuroanatomy), Scientific Committee, Internat. Soc. Tractography (IST)
2023-	Member, Scientific Committee (March 2024, Cargese Tract-Anat Retreat)
2020-	Member, Scientific Advisory Board (“HIBALL”: Helmholtz BigBrain Analytics and Learning Laboratory)
2017-2023	Member, Scientific Advisory Board (European Human Brain Project)
2017-2018	Member, Scientific Advisory Board (Max Planck Institute, Tubingen)
2014-2014	Member, External Advisory Committee, Human Connectome Project (MGH)
2007	Chair, Summer School Committee, RIKEN BSI
1996-1999	Director, Neuroscience Interdisciplinary Graduate Program, Univ. of Iowa
1994-1996	Animal Care Committee, member and Chair (1996), Univ. of Iowa

Reviewer for Grant Agencies (by mail): Alzheimer’s Association, French National Research Agency (ANR), Human Frontier, NSF, The Wellcome Trust

Reviewer for Journals: Brain Structure and Function, Cerebral Cortex, European Journal of Neuroscience, Journal of Comparative Neurology, Journal of Neuroscience, Neuroscience, Neuron, Neuroimage, PLOS One, PLOS Biology, Frontiers in Neuroscience

2011	Podcast interview, by Paul Verschure (Cognitive Science Network) http://itunes.apple.com/us/podcast/convergent-science-network/id396952186
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PROFESSIONAL SOCIETIES: MEMBERSHIPS, OFFICES, AND COMMITTEE ASSIGNMENTS**SOCIETY FOR NEUROSCIENCE****EDITORIAL BOARDS:**

2024	Guest Editor (with Sen Takeda) Anatomical Science International (Special Issue)
2022	Guest Editor (with Jeremy Schmahmann) Special Issue, Journal Comparative Neurology: in honor of Prof. Deepak Pandya
2022	Guest Editor (with William Graves) Special Issue, Brain Structure and Function: Angular Gyrus
2022-2024	Associate Editor, Frontiers in Mammal Science
2020-	Associate Editor, Brain Structure and Function
2014-2015	Editor ("Axons and Brain Architecture," Elsevier, 2016)
2012-	Associate Editor, Journal Comparative Neurology
2002-12	Editorial Board, Journal Comparative Neurology
2008-	Associate Editor, Frontiers in Neuroanatomy
2006-09	Editorial Board, Neuroscience Research
1996-99	Editorial Board, Visual Neuroscience
1996	Co-editor (with Drs. J. Kaas and A. Peters): "Extrastriate Visual Cortex of Primates; Cerebral Cortex Volume 12 (Plenum Press, New York)
1994	Co-editor (with Dr. A. Peters): "Primary Visual Cortex of Primates;" Cerebral Cortex Volume 10 (Plenum Press, New York)
1993	Guest editor, Cerebral Cortex 3(5) ("Local Cortical Circuits," Oxford Univ. Press)

Study Sections

2013	NSF Career Panel (P140092)
1995-1999	Member, Cognitive Functional Neuroscience (NIMH); reconstituted as Integrative, Functional, and Cognitive Neuroscience (IFCN-8)
1998-1999	Chairperson, IFCN- 8
1996	Member, SEP (NIMH): "Innovative Approaches to Microscopic Tract-Tracing"
1994-1996	NSF Panel Member (Sensory Systems)

Concluded Recent Support:

2015-2018	R21 MH106796 "Visualizing Cortical Microstructures by Optical Coherence Tomography (OCT)"
2015-2018	R21 MH107456 "Regional Diversity of Cortical White Matter Neurons in Adult and Infant Rhesus Monkey"

Past Other Support:

(pre-2000 budget amounts are only partially accessible)

2014-2016	1U01 MH105971 "Towards Quantitative Cell-type Based Characterization of the Whole Mouse Brain" (PI: Pavel Osten, CSHL)
2009-2012	PI: Susumu Tonegawa, RIKEN-MIT Center for Neural Circuit Genetics
2000-2010	PI: Kathleen Rockland, annual budget, RIKEN Brain Science Institute (estimate: \$1 million per year)
1991-2001	NS19632, PI: Antonio Damasio, Anatomical Substrates of Complex Behavior (Project 6; Rockland and Van Hoesen, NINDS)
1999-2000	T32NS007421, PI: Kathleen Rockland Neuroscience Training Program (transferred to Dr. Dan Tranel, because of move to Japan)

1995-2001	R01MH053598, PI: Kathleen Rockland, Microcircuitry of Pulvinar and Neocortical Connections (direct costs, 5 years: \$576,321 (as per summary statement);1999: \$140,847)
1995-2000	NSF IBN 9421970, PI: Kathleen Rockland, Microcircuitry of Cortical Networks (\$265,000: total amount)
1991-1994	Roy J. Carver Charitable Trust, PI: Kathleen Rockland
1986-1995	R01EY007058, PI: Kathleen Rockland, Periodic Extrinsic Connections in Visual Cortex (direct costs, 4 years: \$545,473; 1993: \$138,291)
1983-1986	R01EY007058, PI: Kathleen Rockland, Periodic Intrinsic Connections in Visual Cortex
1980-1982	PI: J.S. Lund, South Carolina State Research Funds
1978-1980	NRSA 7F32 EY05323 (NIH postdoctoral award), Caltech

Invited Lectures and Presentations (selected)

2009	German-Japanese Workshop: Computational and Systems Neurosci. (Berlin)
2010 (April)	Stanford Inst. for Neuro-Innovation and Translational Neurosciences
2011 (May)	Computations in Neocortical Circuits (Janelia Farm, May 2011)
2011 (July)	Network Architecture of Brain Structure and Function (KITP, July 2011)
2011 (Dec.)	Sch. of Optometry, Univ. of Montreal
2012 (August)	Parietal Cortex "Meet-in" CSHL
2013 (February)	European Winter Conference in Brain Research (Brides-les-Bains)
2013 (Sept.)	International Sym. on non-Human Primate Cognition, Behavior, Evolution (Ouro-Prieto, Brazil)
2014 (April)	Computational and Systems Neuroscience, Juelich (Germany)
2017 (June)	International Sch. Neuroscience Workshop (Erice, Sicily), co-organizer with Dr. Elena Borra (Univ. of Parma)
2018 (February)	Gordon Conference : Thalamocortical Interactions
2018 (June)	What Makes Us Human : at: https://www.youtube.com/playlist?list=PLYq7WW565SZh-1TicNwvHpMq4ypXZ_2m
2018 (October)	Banbury Conference (Why Does the Neocortex Have Layers and Columns?)
2019 (September)	Mystery of the Brain: In Honor of Nikos Logothetis, Tuebingen, Germany
2020 (November)	#CNS Commons (with BSAF 2020) "What We Can Learn from ...Single Axons"
2021 (April)	Science Online "Axons and Brain Architectures: How to Approach the Human Brain" Institute for Neuroscience and Medicine (Julich, Germany) and Netherlands Inst. For Neuroscience
2022 (May3)	In2Primate Brains (Rome: Zoom) "Brain Connectivity and Cortical Layers"
2022 (Sept.23)	CUNY Neuroscience Colloquium "Cortical Axons: past, present, and looking forward"
2022 (Nov.4,5).	IBRO-ICPBR Virtual Primate Neurobiol. School (Zoom: Shanghai) "Cortical organization: focus on axons"
2023 (June 28)	Histological Examples of White Matter Suborganization in NHP (Zoom: CNSeminars)
2023 (Sept. 7)	A Neuroanatomical Overview of Cortical Organization of the Primate Brain. Open questions (Sherbrooke, Canada)
2024 (Feb. 23)	Comparative Brain Connectomics (Luxembourg, OUP Conference, Evolutionary Roots)
2024 (May 21)	Axons and Brain Architecture (Wiersma Visiting Prof. lecture; Caltech)

Bibliography ORIGINAL, PEER REVIEWED ARTICLES (SELECTED FROM 135 PUBMED)

[HTTP://WWW.NCBI.NLM.NIH.GOV/PUBMED/?TERM=ROCKLAND+K](http://www.ncbi.nlm.nih.gov/pubmed/?term=rockland+k)

Castro-Mendoza, P.B. et al. Proteomic features of gray matter layers and superficial white matter of the rhesus monkey neocortex: comparison of prefrontal area 46 and occipital area 17. Brain Structure Function 2024; Jun 28 online ahead of print.

- Rockland, K.S.** Cellular and laminar architecture: A short history and commentary. *Journal Comparative Neurology* 2023; 531: 1926-1933.
- Rockland, K.S.** Notes on visual cortical feedback and feedforward connections. *Front. Syst. Neurosci.* 2022; 16:784310.
- Rockland, K.S.** Clustered intrinsic connections: Not a single system. *Front. Syst. Neurosci.* 2022; 16: 910845.
- Rockland, K.S.** Angular gyrus: an anatomical case study for association cortex. *Brain Struct. Funct.* 2023; 228: 131-143.
- Rockland, K.S.** Looking for the origins of axons. *Elife* 2022; 11e79839.
- Rockland, K.S.** and Graves, W.W. The Angular gyrus: a special issue on its complex anatomy and function. *Brain Struct. Funct.* 2023; 228:1-5.
- Sakharkar, M., **Rockland, K.S.**, and Duque, A. Complex neurochemical microstructure of the stria terminalis in infant and adult macaque monkey. *Front. Neuroanat.* 2022; 16:891608.
- Rockland, K.S.** Cytochrome Oxidase "blobs": a call for more anatomy. *Brain Struct. Funct.* 2021; 226: 2793-2806.
- Swiegers, J., Bhagwandin, A., Williams, V.M., Maseko, B.C., Sherwood, C.C., Hård, T., Bertelsen, M.F., **Rockland, K.S.**, Molnár, Z., and Manger, P.R. *Journal Comparative Neurology* 2021; 529: 3429-3452.
- Rockland, K.S.** A Closer Look at Corticothalamic "Loops." *Front. Neural Circuits* 2021; 15 article 632668
- Katona, L., Hartwich, K., Tomioka, T., Somogyi, J., Roberts, J.D.B., Wagner, K., Joshi, A., Klausberger, T., **Rockland, K.S.**, and Somogyi, P. Synaptic organization and behavior-dependent activity of mGluR8a-innervated GABAergic trispartite cells projecting from the hippocampus to the subiculum. *Brain Struct. Funct.* 2020; 225: 705-734.
- Rockland, K.S.** What we can learn from the complex architecture of single axons. *Brain Struct. Funct.* 2020; 225:1327-1347.
- Borra, E., Luppino, G., Gerbella, M., Rozzi, S., and **Rockland, K.S.** Projections to the putamen from neurons located in the white matter and the claustrum in the macaque. *Journal Comparative Neurology* 2020; 528: 453-467.
- Magnain, C., Augustinack, J.C., Tirrell, L., Fogarty, M., Frosch, M.P., Boas, D., Dischl, B., **Rockland, K.S.** Colocalization of neurons in optical coherence microscopy and Nissl-stained histology in Brodmann's area 32 and area 21. *Brain Structure Function* 2019; 224: 351-362.
- Swiegers J., Bhagwandin, A., Sherwood, C.C., Bertelsen, M.F., Maseko, B.C., Heminway, J., **Rockland, K.S.**, Molnar, Z., and Manger, P.R. The distribution, number, and certain neurochemical identities of infracortical white matter neurons in a lar gibbon (*Hylobates lar*) brain. *Journal Comparative Neurology* 2019; 527: 1633-1653.
- Rockland, K.S.** Axon collaterals and brain states. *Frontiers Syst. Neurosci.* 2018; 12:32.
- Rockland, K.S.** Corticothalamic axon morphologies and network architecture. *Eur. J. Neurosci.* 2019; 49:969-977.
- Rockland, K.S.** What do we know about laminar connectivity? *Neuroimage* 2019; 197:772-784.
- Mortazavi, F., Romano, S.E., Rosene, D.L., and **Rockland, K.S.** A survey of white matter neurons at the gyral crowns and sulcal depths in the rhesus monkey. *Frontiers Neuroanatomy* 2017; 11:69.
- Mortazavi, F., Wang, X., Rosene, D.L., and **Rockland, K.S.** White matter neurons in young adult and aged rhesus monkey. *Frontiers Neuroanatomy* 2016; 10:15.
- Rockland, K.S.** About Connections. *Frontiers Neuroanatomy* 2015; 9:61.
- Kim, Y., Venkataraju, K.U., Pradhan, K., Mende, C., Taranda, J., Turaga, S.C., Arganda-Carreras, I., Ng, L., Hawrylycz, M.J., **Rockland, K.S.**, Seung, H.S., and Osten, P. Mapping social behavior-induced brain activation at cellular resolution in the mouse. *Cell Rep.* 2015; 10: 292-305.
- Rockland, K.S.** Zinc-positive and zinc-negative connections of the claustrum. *Frontiers Syst. Neurosci.* 2014; 8: 37.
- Watakabe, A., Ohsawa, S., Ichinohe, N., **Rockland, K.S.**, and Yamamori, T. Characterization of claustral neurons by comparative gene expression profiling and dye-injection analyses. *Frontiers Syst. Neurosci.* 2014; 8: 98.

- Rockland, K.S.** Zinc-positive and zinc-negative connections of the claustrum. *Frontiers. Syst. Neurosci.* 2014; 8:37.
- Rockland, K.S.** Collateral branching of long-distance cortical projections in monkey. *Journal Comparative Neurology* 2013; 521: 4112-2123.
- Kurotani, T., Miyashita, T., Wintzer, M., Konishi, T., Sakai, K., Ichinohe, N., and **Rockland, K.S.** Pyramidal neurons in the superficial layers of rat retrosplenial cortex exhibit a late-spiking firing property. *Brain Structure Function* 2013; 218: 239-254.
- Laramée, M.E., **Rockland, K.S.**, Prince, S., Bronchti, G. and Boire, D. Principal component and cluster analysis of layer V pyramidal cells in visual and non-visual cortical areas projecting to the primary visual cortex of the mouse. *Cerebral Cortex* 2013; 23: 714-728.
- Ichinohe, I., Borra, E., and **Rockland, K.S.** Distinct feedforward and intrinsic neurons in posterior inferotemporal cortex revealed by in vivo connection imaging. *Sci. Rep.* 2012; 2:934.
- Rockland, K.S.** and Nayyar, N. Association of type 1 neurons positive for NADPH-diaphorase with blood vessels in the adult monkey corpus callosum. *Frontiers Neural Circuits* 2012; 6:4.
- Defelipe, J., Markram, H., and **Rockland, K.S.** The Neocortical column. *Frontiers Neuroanatomy* 2012; 6:22.
- Papp, E., Borhegyi, Z., Tomioka, R., **Rockland, K.S.**, Mody, I. and Freund, T.F. Glutamatergic input from specific sources influences the nucleus accumbens-ventral pallidum information flow. *Brain Structure Function* 2012; 217: 37-48.
- Watakabe, A., Hirokawa, J., Ichinohe, N., Ohsawa, S., Kaneko, T., **Rockland, K.S.**, and Yamamori, T. Area-specific substratification of deep layer neurons in the rat cortex. *Journal Comparative Neurology* 2012; 520: 3553-3573.
- Laramée, M.E., Kurotani, T., **Rockland, K.S.**, Bronchti, G. and Boire, D. Indirect pathway between the primary auditory and visual cortices through layer V pyramidal neurons in V2L in mouse and the effects of bilateral enucleation. *European Journal Neuroscience* 2011; 34: 65-78.
- Borra, E. and **Rockland, K.S.** Projections to early visual areas V1 and V2 in the calcarine fissure from parietal association areas in the macaque. *Frontiers Neuroanatomy* 2011; 5:35.
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- DeFelipe, J., Fields, R.D., Hof, P.R., Höistad, M., Kostovic, I., Meyer, G., and **Rockland, K.S.** Cortical white matter: beyond the pale. Remarks, main conclusions, and discussion. *Frontiers Neuroanatomy* 2010; 4:4.
- Ichinohe, N., Matsushita, A., Ohta, K. and **Rockland, K.S.** Pathway-specific utilization of synaptic zinc in the macaque ventral visual cortical areas. *Cerebral Cortex* 2010; 20:2818-2831.
- Miyashita, T., Wintzer, M., Kurotani, T., Konishi, T., Ichinohe, N. and **Rockland, K.S.** Neurotrophin-3 is involved in the formation of apical dendritic bundles in cortical layer 2 of the rat. *Cerebral Cortex*. 2010; 20:229-240.
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- Rockland, K.S.** Five points on columns. *Frontiers Neuroanatomy* 2010; 4:22.
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- Watakabe, A., Ichinohe, N., Ohsawa, S., Hashikawa, T., Komatsu, Y., **Rockland, K.S.** and Yamamori, T. Comparative analysis of layer-specific genes in mammalian neocortex. *Cerebral Cortex* 2007; 17: 1918-1933.
- Miyashita, T. and **Rockland, K.S.** GABAergic projections from the hippocampus to the retrosplenial cortex in the rat. *European Journal Neuroscience* 2007; 26: 1193-1204.
- Tomioka, R. and **Rockland, K.S.** Long-distance corticocortical GABAergic neurons in the adult monkey white and gray matter. *Journal Comparative Neurology* 2007; 505: 526-538.
- Miyashita, T., Ichinohe, N. and **Rockland, K.S.** Differential modes of termination of amygdalothalamic and amygdalocortical projections in the monkey. *Journal Comparative Neurology* 2007; 502:309-324.
- Tomioka, R. and **Rockland, K.S.** Improved Golgi-like visualization in retrogradely projecting neurons, after EGFP-adenovirus infection in adult rat and monkey. *Journal Histochemistry Cytochemistry* 2006; 54: 523-535.
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- Ichinohe, N., Potapov, D. and **Rockland, K.S.** Transient synaptic zinc-positive thalamocortical terminals in the developing barrel cortex. *European Journal Neuroscience* 2006; 24: 1001-1010.
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