Curriculum Vitae

Name: Jian Feng
Marital Status: Married
Place of Birth: Nanjing, China.
Citizenship: United States

Address: Department of Physiology and Biophysics
State University of New York at Buffalo
124 Sherman Hall
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Education:

8/93 - 6/97: Ph.D. in Biochemistry
Department of Biochemistry
University of Tennessee Health Science Center
Memphis, Tennessee.
Mentor: James N. Ihle, HHMI/St. Jude Children's Research Hospital

9/90 - 4/93: M.Sc. Program, no degree (left early for PhD study in the US)
Department of Biochemistry, Nanjing University, Nanjing, China.

9/86 - 6/90: B.Sc. in Biochemistry
Department of Biochemistry, Nanjing University, Nanjing, China.

Academic Appointments:

5/14 – Non-clinician Research Scientist, Research Department
Veterans Affairs Western New York Healthcare System, Buffalo, NY

9/10 – Director, Induced Pluripotent Stem Cell Facility,
Western New York Stem Cell Culture and Analysis Center
State University of New York at Buffalo, Buffalo, NY

7/10 – Professor, Department of Physiology and Biophysics,
State University of New York at Buffalo, Buffalo, NY.

7/05 – 6/10: Associate Professor (tenured), Department of Physiology and Biophysics,
State University of New York at Buffalo, Buffalo, NY.

7/00 – 6/05: Assistant Professor, Department of Physiology and Biophysics,
State University of New York at Buffalo, Buffalo, NY.

12/97 – 6/00: Postdoctoral Associate, Laboratory of Molecular and Cellular Neuroscience,
Rockefeller University, New York, NY. Mentor: Paul Greengard.

6/97 – 12/97: Postdoctoral Associate, Department of Biochemistry,

Howard Hughes Medical Institute, St. Jude Children's Research Hospital, Memphis, Tennessee. Mentor: James N. Ihle.

Awards:

11/11:	Bridge Award for Translational Research, American Chinese Medical Association
05/06:	Visionary Inventor Award, State University of New York at Buffalo.
11/05:	Licensed Inventions Award, State University of New York.
10/05:	Top 100 Principle Investigators, State University of New York at Buffalo.
05/05:	Visionary Inventor Award, State University of New York at Buffalo.
11/04:	Promising Inventor Award, State University of New York.
11/02:	Top 100 Federal Grantee, State University of New York at Buffalo.
5/02:	Young Investigator Achievement Award, SUNY-Buffalo.
4/97:	Ralph R. Braund Young Investigator Award in Cancer Research, Univ. of Tennessee.
7/95 – 6/97:	Alma and Hal Reagan Fellowship in Cancer Research, Univ. of Tennessee.
10/96:	Travel Award from the American Society of Hematology.

Professional Activities:

Member, NINDS Parkinson's Disease iPS Cell Line Consortium (09/09-)
Associate Editor (Stem Cell Biology section), *Experimental Biology and Medicine* (07/12 - 06/18)
Faculty of 1000, Section for Neurobiology of Disease & Regeneration (07/13 -)
Councilor, Society for Experimental Biology and Medicine (07/15 – 06/19)
Chair, SFN 2016 Symposium "Making Serotonergic Neurons: From Mouse to Human"
Co-chair (with Herbert Meltzer), ACNP 2016 Panel "New Technologies to Dissect the Serotonergic System"
Reviewer, NIH NOMD Study Section (06/16, 10/16)
Reviewer, NIH CNNT Study Section (01/13, 02/14, 02/15)
Chair, NIH ZRG1 BDCN-Q (02) Special Emphasis Panel (05/11)
Reviewer, NIH CDIN Study Section (03/07, 01/11, 09/11)
Reviewer, NIH SYN Study Section (02/06, 06/06, 10/06, 10/08, 02/12, 06/12)
Reviewer, NIH CMND Study Section (06/09)
Reviewer, NIH Mechanisms of Neurodegeneration Special Emphasis Panel (03/07)
Reviewer, National Medical Research Council (Singapore) (02/13)
Reviewer, Biomedical Research Council, the Agency for Science, Technology and Research (Singapore)
Reviewer, Welcome Trust and Medical Research Council (United Kingdom)
Reviewer, Parkinson's Disease Society (United Kingdom)
Reviewer and Assessor, Michael J Fox Foundation for Parkinson's Research.
Member, Extramural Grants Review Committee, Parkinson's Disease Foundation (03/11, 03/14, 04/15)
Co-chair, Program Committee, International Experimental Biology and Medicine Conference 2014, Shanghai, China (Organized by Society for Experimental Biology and Medicine)
SUNY BRAIN Network of Excellence Campus Representative (07/13 -)
Reviewer, European Research Council FP7 Program (05/13)
Reviewer, Neurological Foundation of New Zealand (05/13)
Reviewer, ATIP-Avenir Program, INSERM, France (03/13)
Organizer, Sixth Annual UB2020 Molecular Recognition in Biological Systems and Bioinformatics Minisymposium "MOLECULAR BASIS OF NEURODEGENERATIVE DISORDERS", Buffalo, NY. (09/12)
Session Chair, International Congress on Translational Neuroscience, Yingchuan, China (07/12)
Reviewer, American Institute of Biological Sciences for US Army Medical Research and Materiel Command (07/12)
Reviewer, National Science Foundation of China.

Organizer and Moderator, Opening Symposium for the New York State Center of Excellence in Bioinformatics and Life Sciences (06/06)
Session Chair, Leon Farhi Memorial Lectures (10/05)

Ad hoc Reviewer:

Nature Communications
Molecular Psychiatry
Journal of Neuroscience
Human Molecular Genetics
Brain
Proceedings of the National Academy of Sciences
Journal of Biological Chemistry
Journal of Cell Science
Journal of Neurochemistry
Molecular Neurobiology
FEBS Letter
Neurotoxicology
Neurobiology of Disease
Biochemistry
Molecular and Cellular Neuroscience
Clinical Genetics
Biochimica et Biophysica Acta – Molecular Basis of Disease
Journal of Molecular Biology Reports
Acta Pharmacologica Sinica
Mechanisms of Ageing and Development
International Journal of Molecular Sciences
Expert Review of Neurotherapeutics
Parkinson's Disease

Invited Presentations:

12/16: American College of Neuropsychopharmacology 55th Annual Meeting, Hollywood, FL
Co-chair (with Herbert Meltzer), Panel "New Technologies to Dissect the Serotonergic System"
11/16: Society for Neuroscience 2016 Annual Meeting, San Diego, CA.
Chair of Symposium "Making Serotonergic Neurons: from Mouse to Human".
10/16: Department of Computer Science and Engineering, University at Buffalo, SUNY, Buffalo, NY
5/16: NYSTEM 2016 Scientific Meeting, New York, NY.
9/15: 13th International Symposium on Neural Transplantation and Repair, Beijing, China.
6/15: Department of Neurology, University of South Florida, Tampa, FL.
1/15: Department of Biomedical Sciences, Florida State University, Tallahassee, FL.
10/14: International Experimental Biology and Medicine Conference, Shanghai, China.
03/14: Wuhan National Laboratory of Optoelectronics, Wuhan, China
03/14: Chongqing Medical University, Chongqing, China
01/14: SUNY College of Nanoscale Science and Engineering, Albany, NY.
11/13: Meeting of the Mind, Stony Brook University, Stony Brook, NY.
7/13: Beijing Institute for Brain Disorders, Capital Medical University, Beijing, China
6/13: Second Annual WNYSTEM Symposium, Buffalo, NY.
5/13: NYSTEM 2013, New York, NY.
9/12: Sixth Annual UB2020 Molecular Recognition in Biological Systems and Bioinformatics Minisymposium "MOLECULAR BASIS OF NEURODEGENERATIVE DISORDERS"

8/12: 5th International Symposium on Primate Research "NHP Models for Human Complex Diseases and Stem Cell Research"
8/12: Institute of Medical Biology, Chinese Academy of Medical Sciences, Kunming, China.
8/12: Second Affiliated Hospital of Nanjing Medical University, Nanjing, China.
7/12: Guangzhou Institute of Biomedicine and Health, Chinese Academy of Sciences, Guangzhou, China.
5/12: Bone Marrow Transplant Program, Roswell Park Cancer Institute, Buffalo, NY.
4/12: Department of Pharmacology and Toxicology, State University of New York at Buffalo.
3/12: Third iPSC Consortia Meeting, National Institute of Neurological Disorders and Stroke, Washington, DC.
2/12: Department of Pharmaceutical Sciences, State University of New York at Buffalo.
11/11: The Bridge Medical Summit, Boston, MA.
11/11: Life Sciences Summit 2011, New York, NY.
11/11: U.S.-China Parkinson's Disease Research Collaboration Workshop, Washington, DC.
11/11: Department of Neurology Grand Rounds, State University of New York at Buffalo.
11/11: Department of Molecular & Cellular Biology, Roswell Park Cancer Institute, Buffalo, NY
10/11: Public lecture preceding the Michael J. Fox Distinguished Speakers lecture, Buffalo, NY
10/11: Kunming Biomed International, Kunming, China.
10/11: IBRO School of Neuroscience, Beijing, China.
05/11: Neuroscience Program, SUNY Upstate Medical University, Syracuse, NY.
04/11: Institute of Materia Medica, Chinese Academy of Medical Sciences & Peking Union Medical College, Beijing, China.
04/11: School of Life Sciences, Beijing Normal University, Beijing, China.
04/11: Department of Neurology, Zhejiang University Medical School, Hangzhou, China.
04/11: 2011 Shanghai Jiao Tong University International Neurological Diseases Symposium, Shanghai, China
04/11: Cold Spring Harbor Meeting on Stem Cell Engineering & Cell-Based Therapies, Cold Spring Habor, NY
01/11: Center for Neurodegenerative Disease Research, University of Pennsylvania, Philadelphia, PA.
01/11: Department of Neurosurgery, State University of New York at Buffalo.
12/10: Second iPSC Consortia Meeting, National Institute of Neurological Disorders and Stroke, Washington, DC.
11/10: Neuroscience Program, Pennsylvania State University, University Park, PA.
06/10: Department of Neurobiology, University of Pittsburgh, Pittsburgh, PA.
05/10: NYSTEM 2010, New York, NY.
03/10: SUNY symposium on neurodegenerative diseases and stem cell therapeutics, Stony Brook, NY.
02/10: First iPSC Consortia Meeting, National Institute of Neurological Disorders and Stroke, Washington, DC.
10/09: Center for Neuroregeneration Research, McLean Hospital/Harvard Medical School, Boston, MA.
07/09: 4th International Conference on Neurons and Brain Disease, Toronto, Canada.
05/09: Michael J. Fox Foundation for Parkinson's Disease Research, New York, NY.
03/08: Merck Research Laboratory, West Point, PA.
03/08: Drexel University College of Medicine, Department Neurobiology and Anatomy.
10/07: Roswell Park Cancer Institute, Department of Molecular and Cellular Biology.
11/06: University of Cincinnati, Neuroscience Seminar Series.
09/06: Emory University School of Medicine, Department of Pharmacology Seminar Series.
08/06: 1st International Conference on Synapses, Memory, Drug Addiction and Pain, Toronto, Canada.
01/06: University of Toronto, Faculty of Pharmacy.
10/05: State University of New York at Buffalo, School of Dental Medicine.
11/04: Roswell Park Cancer Institute, Department of Molecular and Cellular Biology.

8/04: Intracellular Therapies, Inc., New York, NY.
6/04: University of California at Davis, Department of Pharmacology and Toxicology.
4/03: 2003 Cold Spring Harbor Meeting on the Ubiquitin Family, Cold Spring Harbor, NY.
5/02: Buffalo-Niagara Post-Genomic Research Conference, Buffalo, NY.
10/01: Institute of Physiology, Chinese Academy of Sciences, Shanghai, China.
9/01: Aventis Pharmaceuticals, Inc., Bridgewater, NJ.
12/99: State University of New York at Buffalo, Department of Physiology and Biophysics.
11/99: Case Western Reserve University, Department of Neuroscience.
04/97: Rockefeller University, Laboratory of Biochemistry and Molecular Biology.
04/97: Massachusetts Institute of Technology, Whitehead Institute.
03/97: University of California at Los Angeles, Department of Microbiology, Immunology & Molecular Genetics.
02/97: Harvard Institute of Medicine, Cancer Cell Biology Program.
02/97: National Heart, Lung and Blood Institute, Laboratory of Molecular Immunology.

Grant Support:

Current:

I01 BX002452 from VA/BLRD (Department of Veterans Affairs Merit Award)
"Kinetic Barriers of Transdifferentiation"
P.I. Jian Feng, 4/1/14-3/31/18.

C029556 from New York State Department of Health and Empire State Stem Cell Board
"Understand the Pathophysiology of Parkinson's Disease Using Genetically Modified iPS Cells"
P.I. Jian Feng, 6/1/2014-5/31/2017.

iPS Facility Service Center Account
P.I. Jian Feng, continuing

Material Regeneration Costs for licensed antibodies
P.I. Jian Feng, continuing

Completed:

C028129 from New York State Department of Health and Empire State Stem Cell Board
"Redefining Idiopathic Parkinson's Disease through Induced Pluriopotent Stem Cells"
P.I. Jian Feng, 3/1/2013-2/29/2016.

1IS1BX003126-01A1 from Department of Veterans Affairs
"ShEEP Request for Nikon Biostation CT System"
P.I. Jian Feng, FY2016.

IS1 BX003150 from VA/BLRD (Department of Veterans Affairs Shared Equipment Grant)
Purchase of a Nikon N-SIM/N-STORM Super Resolution Microscope
P.I. Zhen Yan (Jian Feng organized and wrote the application)

C026714 from New York State Department of Health and Empire State Stem Cell Board
"Western New York Stem Cell Culture and Analysis Center" (P.I. Richard Gronostajski)
Co-I. Director of iPSC Generation Facility, 8/1/2011-7/31/2015.

R01 NS061856 from NIH/NINDS
"Cellular Functions of Parkin"

P.I. Jian Feng, 1/1/09-12/31/14.

C024406 from New York State Department of Health and Empire State Stem Cell Board
"Using Improved iPS Derivation and Differentiation Methods to study Parkinson's Disease"
P.I. Jian Feng, 1/1/09-12/31/12.

RC2 NS070276 from NIH/NINDS
Parkinson's Disease iPS Cell Line Research Consortium (Multiple PI)
(Isacson, Dawson, Farrer, Feng, Jaenisch, Lee, Marder, Przedborski, Surmeier, Trojanowski, Wszolek)
P.I. Core A, 9/30/09-8/31/12.

R01NS071122 from NIN/NINDS
Alpha-synuclein Regulates Dopamine Transporter Functions (P.I. Habibeh Khoshbouei)
Co-I. Jian Feng, 09/15/10- 04/30/12.

State University of New York
"SUNY Initiative on Neurodegenerative Diseases and Stem Cell Therapeutics"
P.I. Jian Feng, 6/1/11-5/30/12.

Targeted Research Grant from the Michael J. Fox Foundation for Parkinson's Research
Validating Phenotypes in Parkin-deficient iPSC-derived Midbrain DA Neurons
P.I. Jian Feng, 5/1/11-4/30/12.

State University of New York
"SUNY Initiative on Neurodegenerative Diseases and Stem Cell Therapeutics"
P.I. Jian Feng, 9/1/09-8/31/10.

R01 NS041722 from NIH/NINDS
"Parkin: *In vivo* Function and Role in Parkinson's Disease"
P.I. Jian Feng, 4/1/01 - 3/31/07.

R01 NS048911 from NIH/NINDS
"Functions of D_4 Dopamine Receptors in Prefrontal Cortex" (P.I. Zhen Yan)
Co-I. Jian Feng, 7/1/04 – 2/28/09.

R01 AG021923 from NIH/NIA
"The Role of Cholinergic Functions in Alzheimer's Disease" (P.I. Zhen Yan)
Co-I. Jian Feng, 7/1/03 – 5/31/09.

Rapid Response Innovation Award from Michael J. Fox Foundation for Parkinson's Research
"Generating Patient-Specific Induced Pluripotent Stem Cells to Study Parkinson's Disease"
P.I. Jian Feng, 3/28/08 – 3/27/09.

Research Grant from American Parkinson Disease Association
"Generating Patient-Specific Induced Pluripotent Stem Cells to Study Parkinson's Disease"
P.I. Jian Feng, awarded and declined due to overlap.

Research grant from New York State Office of Science, Technology and Academic Research
"Streamlining performance of cell-based functional assays"

P.I. Jian Feng, 7/1/06 – 6/30/07.

Research Contract with Aventis Pharmaceuticals, Inc.
"Compound Testing - Neuronal Culture"
P.I. Jian Feng, 1/1/02-12/31/02.

Research Award from Theodore and Vada Stanley Foundation
"Functional Study of Synapsin III, a Novel Gene Implicated in Schizophrenia"
P.I. Paul Greengard and Jian Feng, 7/1/98 - 6/30/00.

Inventions
(1) Microtubule-based Neuroprotective Strategy in the Treatment of Parkinson's Disease (R-5910)

(2) A Rabbit Polyclonal Antibody against Parkin (R-5940)
Licensed to: Abcam, Ltd.; Millipore, Inc.; Covance Research Products, Inc.

(3) Parkin-deficient Induced Pluripotent Stem Cells for Parkinson's Disesae Research and Drug Discovery (R-6490)
Patent application 61/306,805, PCT/US11/22897 (filed on 1/28/2011)
Dopaminergic Neurons Derived from Induced Pluripotent Stem Cells and Method of Making Same

(4) Method for increasing the efficiency of generating dopaminergic neurons from somatic cells.
Provisional patent application filed on 4/3/2012

(5) Molecular signature of idiopathic Parkinson's disease. Provisional patent application filed on 4/3/2012

Memberships:
Society for Neuroscience.
International Society for Stem Cell Research
Society for Experimental Biology and Medicine

Service to the Public:

5/17/14: Public Lecture at Annual Parkinson's Education Symposium of National Parkinson Foundation Western New York Chapter

10/19/11: Public Lecture, "Finding a Cure for Parkinson's Disease", a pre-lecture talk before the Michael J. Fox's Distinguished Speaker Lecture at UB.

4/21/10: Participant, Capitol Hill Day, sponsored by the Coalition for the Life Sciences.

4/5/10: Meeting with Congressman Christopher Lee on behalf of Parkinson Action Network.

3/11/10: Presentation to Parkinson's Wellness Group of Western New York.

11/18/09: Presentation to Young Onset Parkinson's Disease Patient Support Group, West Seneca, NY.

3/12/08: Participant, Capitol Hill Day, sponsored by the Coalition for the Life Sciences.

8/06 – Congressional Liaison Committee, the Coalition for the Life Sciences.

2006-2007: Communicated with Vietnam veterans with Parkinson's disease. My research was cited in a Congressional Hearing (on June 12, 2008) by the House Committee on Veteran's Affairs, which contributed to the recent decision (on Oct. 13, 2009) by the Department of Veteran Affairs to recognize Parkinson's disease as a disease associated with Agent Orange and to allow disability compensation and health care benefits for Vietnam veterans with Parkinson's disease.

11/04: I wrote a lay summary about our abstract (see #16 in Conference Proceedings) for the 2004 Press Book of the American Society of Cell Biology. Our work was one of the 15 selected by the meeting (from more than 1200 abstracts submitted) to promote public awareness of cell biology research.

12/04: Interviewed for the above work by *Science* Magazine's Science of Aging Knowledge Environment, Reuter's News Service, and UB Reporter. This work was covered on many websites and newspapers including Buffalo News.

12/04: Discussed our research with Parkinson's disease patients to facilitate their understanding of the disease and to promote public awareness of our research.

University and Medical School Service:

2/12 – 7/15 Organizing Committee, Annual WNYSTEM Stem Cell Research Symposium

1/12 – 9/12 Organizing Committee, Molecular Basis of Neurodegenerative Disorders Symposium

3/11 – 7/13 Faculty Search Committee, Hunter James Kelly Research Institute

9/11 – 8/12 Senator, Faculty Senate

9/13 – 6/14 Chair, SMBS Ad hoc Committee on Promotions to Research Ranks

9/11 – 6/14 SMBS Ad hoc Committee on Promotions to Research Ranks

3/11 – School of Medicine and Biomedical Sciences Faculty Mentoring Committee

1/11 – 3/11 Admissions Committee of Interdisciplinary Graduate Program in Biomedical Sciences

2/10 – 2/11 Search Committee for the Chair of Department of Neurology.

1/09 – 12/10 SUNY Initiative on Neurodegenerative Diseases and Stem Cell Therapeutics.

7/08 – 6/10 Organizing Committee for the Distinguished Scientist Seminar Series.

7/06 – 6/08 Central Recruitment Committee for Molecular Recognition in Biological Systems and Bioinformatics and Life Sciences Strategic Strengths.

8/02 – Steering Committee for the Gene Targeting and Transgenic Shared Resource at Roswell Park Cancer Institute.

11/05 – 08/06: Search Committee to recruit the Dean of School of Medicine and Biomedical Sciences.

06/06: Ad hoc reviewer, Interdisciplinary Research Development Fund (IRDF)

12/05 – 06/06: Organizing Committee, Opening Symposium for the New York State Center of Excellence in Bioinformatics and Life Sciences

4/04 – 03/06: Institutional Animal Care and Use Committee.

9/02 – 6/03: Organizing Committee for the Distinguished Scientist Seminar Series.

1/02 – 4/02: Admissions Committee of Interdisciplinary Graduate Program in Biomedical Sciences.

3/01: Judge for Annual Research Day posters, Society of Sigma Xi.

8/00 – 8/01: Neuroscience Executive Committee, SUNY at Buffalo.

Departmental Service:

12/05-11/08: IFR Committee

01/13-: Chair, Departmental Seminar Committee

12/05- Rahn Lecture Organizing Committee

10/05- Suk-ki Hong Memorial Lecture Committee

10/05- Teaching Reimbursement Committee

Bibliography: *h-index* 46, total citation ~10000 (Google Scholar)

Peer-reviewed publications:

(1) **J Feng** (2016). Kinetic Barriers in Transdifferentiation. ***Cell Cycle***, 15:1019-1020

(2) Z Xu, H Jiang, P Zhong, Z Yan, S Chen, **J Feng** (2016). Direct Conversion of Human Fibroblasts to Induced Serotonergic Neurons. ***Molecular Psychiatry***, 21:62-70. Cover image and featured in editorial.

(3) H Jiang, Z Xu, P Zhong, Y Ren, G Liang, HA Schilling, Z Hu, Y Zhang, X Wang, S Chen, Z Yan, **J Feng** (2015). Cell Cycle and p53 Gate the Direct Conversion of Human Fibroblasts to Dopaminergic Neurons. ***Nature Communications***, 6: 10100.

(4) Z Hu, J Pu, H Jiang, P Zhong, J Qiu, F Li, X Wang, B Zhang, Z Yan, **J Feng** (2015). Generation of Naivetropic Induced Pluripotent Stem Cells from Parkinson's Disease Patients for High Efficiency Genetic Manipulation and Disease Modeling. ***Stem Cells and Development***. 24:2591-2604

(5) J Pu, D Frescas, B Zhang, **J Feng** (2015). Utilization of TALEN and CRISPR/Cas9 technologies for gene targeting and modification. ***Exp. Biol. Med.*** 240:1065-1070

(6) Y Ren, H Jiang, Z Hu, K Fan, J Wang, S Janoschka, X Wang, S Ge, **J Feng** (2015). Parkin Mutations Reduce the Complexity of Neuronal Processes in iPSC-derived Human Neurons. ***Stem Cells***, 33:68-78.

(7) A Pliss, AN Kuzmin, AV Kachynski, H Jiang, Z Hu, Y Ren, **J Feng**, PN Prasad (2013). Nucleolar Molecular Signature of Pluripotent Stem Cells. ***Anal. Chem.,*** 85:3545-3552

(8) H Jiang, Y Ren, EY Yuen, P Zhong, M Ghaedi, Z Hu, G Azabdaftari, K Nakaso, Z Yan, **J Feng** (2012). Parkin Controls Dopamine Utilization in Human Midbrain Dopaminergic Neurons Derived from Induced Pluripotent Stem Cells. ***Nature Communications***, 3:668. DOI 10.1038/ncomms1669.

(9) O. Cooper, H. Seo, S. Andrabi, C. Guardia-Laguarta, J. Graziotto, M. Sundberg, J. R. McLean, L. Carrillo-Reid, Z. Xie, T. Osborn, G. Hargus, M. Deleidi, T. Lawson, H. Bogetofte, E. Perez-Torres, L. Clark, C. Moskowitz, J. Mazzulli, L. Chen, L. Volpicelli-Daley, N. Romero, H. Jiang, R. J. Uitti, Z. Huang, G. Opala, L. A. Scarffe, V. L. Dawson, C. Klein, **J. Feng**, O. A. Ross, J. Q. Trojanowski, V. M. Lee, K. Marder, D. J. Surmeier, Z. K. Wszolek, S. Przedborski, D. Krainc, T. M. Dawson, O. Isacson (2012). Pharmacological Rescue of Mitochondrial Deficits in iPSC-Derived Neural Cells from Patients with Familial Parkinson's Disease. ***Science Translational Medicine*** 4, 141ra90.

(10) **J Feng** (2012). The role of parkin in Parkinson's disease: a stem cell perspective. ***Neurodegenerative Disease Management***, 2:239-241

(11) J Pu, H Jiang, B Zhang, **J Feng** (2012). Redefining Parkinson's disease research using induced pluripotent stem cells. ***Current Neurology and Neuroscience Reports***. 12:392-398.

(12) MD Garrick, L Zhao, JA Roth, H Jiang, **J Feng**, NJ Foot, H Dalton, S Kumar, LM Garrick (2012). Isoform specific regulation of divalent metal (ion) transporter (DMT1) by proteasomal degradation. ***BioMetals***, 25:787-793.

(13) JB Lee, J Wei, W Liu, J Cheng, **J Feng**, Z Yan (2012). Histone Deacetylase 6 Gates the Synaptic Action of Acute Stress in Prefrontal Cortex. ***J. Physiol.*** 590:1535-1546

(14) Y. Ren, X. Liu, S. Lesage, M. Cai, J. Pu, B. Zhang, A. Brice, **J. Feng** (2012). The Normal Parkin Sequence. ***Movement Disorders*** 27:463-464.

(15) DJ Klionsky, FC Abdalla, ... **J Feng**, … Zuckerbraun B (2012). Guidelines for the use and interpretation of assays for monitoring autophagy. ***Autophagy*** 8:445-544. (over 100 authors in alphabetical order except the corresponding author).

(16) S. M Choi, H. Liu, P. Chaudhari, Y. Kim, L. Cheng, **J. Feng**, S. Sharkis, Z. Ye and Y-Y Jang (2011) Reprogramming of EBV-immortalized B-lymphocyte cell lines into induced pluripotent stem cells. ***Blood*** 118:1801-1805.

(17) Y. Ren, H. Jiang, D. Ma, K. Nakaso, **J. Feng** (2011). Parkin Degrades Estrogen Related Receptors to Limit the Expression of Monoamine Oxidases. ***Hum. Mol. Genet.*** 20:1074-1083.

(18) E.Y. Yuen, W. Liu, I.N. Karatsoreos, Y. Ren, **J. Feng**, B.S. McEwen, Z. Yan. (2011) Mechanisms for acute stress-induced enhancement of glutamatergic transmission and working memory. ***Mol Psychiatry.*** 16:156-170

(19) W. Liu, F. Dou, **J. Feng**, Z. Yan (2011) RACK1 is involved in β-amyloid impairment of muscarinic regulation of GABAergic transmission. ***Neurobiol. Aging*** 32:1818-26.

(20) B. Porton, R.M. Rodriguiz, L.E. Phillips, J.W. Gilbert, **J. Feng**, P. Greengard, H.T. Kao, W.C. Wetsel (2010) Mice lacking synapsin III show abnormalities in explicit memory and conditioned fear. ***Genes Brain Behav.*** 9:257-268.

(21) H. Jiang, D. Cheng, W. Liu, J. Peng, **J. Feng** (2010). Protein Kinase C Inhibits Autophagy and Phosphorylates LC3. ***Biochem Biophys Res Commun***. 395:471-476.

(22) J.A. Roth, S. Singleton, **J. Feng**, M. Garrick, P.N. Paradkar (2010) Parkin regulates metal transport via proteasomal degradation of the 1B isoforms of divalent metal transporter 1 (DMT1). ***J. Neurochem***. 113:454-64.

(23) Y. Ren, H. Jiang, F. Yang, K. Nakaso, and **J. Feng** (2009). Parkin protects dopaminergic neurons against microtubule-depolymerizing toxins by attenuating MAP kinase activation. ***J. Biol. Chem.*** 284:4009-4017

(24) E.Y. Yuen, W. Liu, I.N. Karatsoreos, **J. Feng**, B.S. McEwen, and Z. Yan (2009). Acute Stress Enhances Glutamatergic Transmission in Prefrontal Cortex and Facilitates Working Memory. ***Proc. Nat. Acad. Sci.*** 106:14075-14079.

(25) Q. Jiang, Y. Ren, and **J. Feng** (2008). Direct Binding with Histone Deacetylase 6 Mediates the Reversible Recruitment of Parkin to the Centrosome. ***J. Neurosci.*** 28:12993–13002.

(26) M.M. Madden, W. Song, P.G. Martell, Y. Ren, **J. Feng**, and Q. Lin (2008). Substrate Properties of Ubiquitin Carboxyl-Terminally Derived Peptide Probes for Protein Ubiquitination. ***Biochem***. 47:3636-3644.

(27) E.Y. Yuen, Q. Jiang, P. Chen, **J. Feng**, Z. Yan (2008). Activation of 5-HT2A/C Receptors Counteracts 5-HT1A Regulation of NMDAR Channels in Pyramidal Neurons of Prefrontal Cortex. ***J. Biol. Chem.*** 283:17194-17204.

(28) H.-T. Kao, P. Li, H.M. Chao, S. Janoschka, K. Pham, **J. Feng**, B.S. McEwen, P. Greengard, V.A. Pieribone, and B. Porton (2008). Early involvement of synapsin III in neural progenitor cell development in the adult hippocampus. ***J. Comp. Neurol.*** 507:1860-1870.

(29) G. Chen, P. Chen, H. Tan, D. Ma, F. Dou, **J. Feng**, Z. Yan (2008) Regulation of the NMDA receptor-mediated synaptic response by acetylcholinesterase inhibitors and its impairment in an animal model of Alzheimer's disease. ***Neurobiol. Aging*** 29:1795-1804.

(30) Y. Ren and **J. Feng** (2007) Rotenone Selectively Kills Serotonergic Neurons through a Microtubule-dependent Mechanism. ***J. Neurochem.*** 103:303-311.

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