

CURRICULUM VITAE

Allan Kalueff, PhD, DrSci

Professor of the Russian Academy of Sciences

Member of the European Academy



PERSONAL INFORMATION:

DOB: May 16, 1973

Russian and US citizen

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EDUCATION AND PROFESSIONAL TRAINING:

- 1989-1996 BS/MS in Physiology (*Summa Cum Laude*), Moscow State University, Russia
2003 PhD in Physiology, RUDN State University, Moscow, Russia
2003-2005 Postdoctoral Fellow in Anatomy, Neuroscience, Tampere University Medical School, Tampere, Finland
2005 PhD in Anatomy, Tampere University, Tampere, Finland
2005-2008 Postdoctoral Research Fellow in Neuroscience and Pharmacology, NIMH/NIH, Bethesda, USA

DOCTORAL DISSERTATIONS:

- 2003 **PhD. Subject - Physiology:** Neuroactive properties of penicillins and related beta-lactam compounds (RUDN University Medical School, Moscow, Russia); C. Biol/PhD
2005 **PhD. Subject - Anatomy:** Neural abnormalities in mice with partially deleted vitamin D receptor gene (Tampere University Medical School, Tampere, Finland); PhD awarded ‘*with Honors*’ [top 5%]
2021 **DrSc (Doctor of Biology Sciences),** higher doctorate/habilitation, Subject – Physiology. Biological bases of experimental modeling of CNS processes and human brain disorders using zebrafish (*Danio rerio*).

MAIN ACADEMIC POSITIONS:

Current:

- 2015-present Professor of Biological psychiatry, St. Petersburg State University, St. Petersburg, Russia
2014-present Senior researcher, Ural Federal University, Ekaterinburg, Russia
2020-present Leading Researcher, School of Psychology and Medicine, Novosibirsk State University, Russia
2018-present Leading Researcher, Russian Scientific Center of Radiology and Surgical Technologies, St. Petersburg, Russia
2018-present Group Leader, Almazov National Medical Research Center, St. Petersburg, Russia
2020-present Chief Researcher, School of Biology, Moscow Institute of Physics and Technology, Moscow, Russia

Past:

- 2018-2021 Leading Researcher, Institute of Neuroscience and Translational Medicine, Novosibirsk, Russia
2017-2021 Professor of Pharmacology, School of Pharmaceutical Sciences, Southwest University, Chongqing, China
2012-2020 Research Director, ZENEREI LLC, Slidell, LA, USA

2013-2017 Distinguished Chair Professor of Neuroscience and Pharmacology, Guangdong Ocean University, China
 2009-2012 Assistant Professor of Pharmacology, Tulane University Medical School, New Orleans, LA, USA
 2011-2012 Adjunct Assistant Professor of Physiology, University of Minnesota Medical School, Minneapolis, USA
 2008-2009 Assistant Professor of Physiology, Georgetown University Medical School, Washington DC, USA
 2005-2008 Post-doctoral Research Fellow, National Institute of Mental Health, Bethesda, USA
 2003-2005 Post-doctoral Researcher, Medical School, Tampere University, Tampere, Finland
 1996-2003 Director of Research, Centre for Physiology and Biochemical Research, Kiev, Ukraine
 1996 Visiting Academic Scientist, University of Birmingham Medical School, Birmingham, UK
 1995 Academic Researcher, Bristol University Medical School, Bristol, UK

RESEARCH FOCUS:

Area of expertise is neuropharmacology and developing new animal models of brain disorders, with particular focus on affective disorders, psychoses, neurodevelopmental disorders, and drug abuse. Our research combines high- throughput neurophenotyping screens with genetic and pharmacological modulation in both *rodent* and *zebrafish* models. The lab’s most recent research interests capitalize on unique advantages offered by zebrafish models. Currently, our lab is one of the leaders in the field of zebrafish neuroscience. We aim to establish a vibrant *translational* research program, based on our zebrafish models (which we extend to rodent models, capitalizing on past research experience with mouse and rat models of brain disorders, and eventually clinical models).

SUMMARY OF SCHOLARLY IMPACT:

- In 2022 and 2023, ranked #1 most cited neuroscientist in Russia (www.Research.com)
- Current H-index 76 (Google Scholar), 59 (Scopus), 59 (Web of Science Core Collection), 2023
- Total citations: >21 000 (Google Scholar, 2021)
- Ranked #1 most cited neuroscientist in Russia by Research.com in 2021 and 2022
- >90% of publications are published in Neuroscience and Pharmacology journals within the first 25% of the respective field’s impact factor (high-impact journals)
- 6 papers are “highly cited publications” by Web of Science (top 1% in their respective fields globally)
- Research Gate score RG = 46 (top 2.5% among 20 million registered scholars globally)
- Appointed Professor of the Russian Academy of Sciences - the highest professorial rank in Russia

Bibliometric IDs	
Databases	Personal ID
Scopus	6603827285
Web of Science	B-3647-2010
Google Scholar	7Ny1_UcAAAAJ
ResearchGate	Allan-Kalueff
ORCID	0000-0002-7525-1950

PROFESSIONAL EXPERIENCE:

Research experience with rat, mouse and zebrafish experimental CNS and pharmacological models
 Selection and validation of preclinical (rat, mouse and zebrafish) models of brain and neurological disorders
 Computational neuroscience, developing new experimental models for drug discovery

Experimental design and data interpretation

Big data data-mining, bioinformatics, omics, Integrative pharmacology, Biomarkers discovery and validation

Teaching pharmacology, neuroscience, physiology and aging medicine

HONORS AND AWARDS:

1993-1994	Rector's Fellowship Award, Moscow State University
1995	Presidential Scientific Prize for outstanding young scientists (the highest possible award for young scientists in Russia)
1995, 1996	Graduate Fellowship, International Science Foundation
1997, 2001	Young Investigator Awards, International Union of Physiological Societies
2000, 2005	Young Investigator Awards, World Federation of Societies of Biological Psychiatry
2005	Medal for Neurosteroid Research, Finland
2005	PhD with honors (top 5%), Tampere University, Finland
2006	Mudry Medal for excellence in education, National Academy, Kiev, Ukraine
2005-2008	IRTA Postdoctoral Fellowship, NIMH, NIH
2007-2009	NARSAD Young Investigator Award
2009-2012	Newcomb Fellow, Newcomb College Institute, Tulane University
2010	NIH NIDA B-START special review panel (mail reviewer)
2012-2015	NIH CSR ECR, Early Career Reviewer
2013	NIH Study Section NAL (Neurotoxicology and Alcohol, ad-hoc member)
2014	NIH Study section PMDA (Pathophysiological Basis of Mental Disorders, ad-hoc member)
2014	NIH Study section NMB (Neurobiology of Motivated Behavior, mail reviewer)
2014	NIH Study section BBBP (Biobehavioral and Behavioral Processes, ad-hoc member)
2014- present	Fellow, International Stress and Behavior Society (ISBS)
2015-2019	NIH Review Panel BBBP-Y: Animal/Biological Resource Facilities, BRLE ad-hoc member
2021	Academia Europaea, Member
2022	Medal "For the Promotion of Science and Education" from the Ministry of Science and Education of Russia
2022	Appointed Professor of the Russian Academy of Sciences, the highest professorial rank in Russia

MEMBERSHIP IN PROFESSIONAL SOCIETIES:

2006-2013	Member, International Behavioral Neuroscience Society (IBNS)
2007-present	Member, Federation of European Neuroscience Societies (FENS)
2007-present	Member, World Federation of Societies of Biological Psychiatry (WFSBP)
2007-present	Member, Society for Neuroscience (SfN)
2007-present	Member, International Brain Research Organization (IBRO)
2007-2013	Member, International "Stress and Behavior" Society (ISBS)
2009-2013	Member, American Physiological Society (APS)
2009-2013	Member, Greater New Orleans Area Society for Neuroscience (GNOSN)
2009-2013	Member, American Society for Pharmacology and Experimental Therapeutics (ASPET)

OFFICES IN PROFESSIONAL SOCIETIES AND INTERNATIONAL ORGANIZATIONS:

2007-present	Member, Governing Council, World Federation of Societies of Biological Psychiatry
2009-2013	Member, Animal Use/Ethics Committee, International Behavioral Neuroscience Society
2008-present	President, the International Stress and Behavior Society (ISBS)
2010-present	Chair, International Zebrafish Neuroscience Research Consortium (ZNRC) and Zebrafish Neurophenome Project (ZNP)

MEMBERSHIP IN EDITORIAL BOARDS OF ACADEMIC JOURNALS:

2005-present Letters in Drug Discovery and Design
 2007-present PharmacologyOnline
 2008-present Progress in Neuro-Psychopharmacology and Biological Psychiatry
 2011 Guest Editor (Special Issue), Progress in NeuroPsychopharmacol Biological Psychiatry
 2012 Guest Editor (Special Issue), 'Behaviour'
 2012-2017 PLoS One (Biology Academic Editor)
 2013-2017 Advances in Biology
 2013-2017 Advances in Zoology
 2013-present Associate Editor, Frontiers in Neurosciences (FBN)
 2014 Guest Editor (Special Issue), Behavioural Brain Research
 2014 Guest Editor (Special Issue), Progress in NeuroPsychopharmacol Biological Psychiatry
 2015 Guest Co-Editor (Special Issue), Pharmacology, Biochemistry and Behavior
 2015-present Neuroscience and Biobehavioural Reviews
 2017-2019 Trends in Pharmacological Sciences
 2019-present Pharmacology and Drug Toxicology
 2018-2021 Neurology, Psychiatry and Brain Research
 2020-present Current Research in Behavioral Science
 2020-present Expert Opinion on Drug Discovery
 2021-present Precision Nutrition

OTHER ACADEMIC DUTIES:

2014 Chair, ISBS Special Task Force on Anxiolytic Drugs, The International Stress and Behavior Society
 2015 Chair, ISBS Special Task Force on Neurodevelopmental Disorders, The International Stress and Behavior Society
 2016 Chair, ISBS Special Task Force on Computational Neuroscience in Biological Psychiatry, The International Stress and Behavior Society
 2016 Chair, ZNRC Special Task Force on stress in zebrafish models, The International Zebrafish Neuroscience Research Consortium (ZNRC)

RESEARCH SUPPORT

Previously awarded grants

1996 European Science Foundation Neuroscience Program Award
 2003-2005 CIMO Finland Young Investigator Award
 2003-2005 Tampere Finland Medical Research Grants

Recently Awarded peer-reviewed grants

2007-2010 NARSAD Young Investigator Award
 2009-2010 Tulane-LSU Pilot CRECP Grant
 2010 LA Board of Regents P-Fund grant
 2011-2012 NIH/NIDA R03 SOAR Grant and supplement
 2011 Tulane Pilot Grant
 2012 LA BoR Opt-In II Grant

Other awards

2009 Tulane Senate COR travel grant

2009 LA Board of Regents TGEF Award
2010 Newcomb Fellows Grant
2010 Tulane University Provost's Scholarly Engagement grant
2011 Newcomb Fellows Grant
2016-2018 Russian Foundation for Basic Research grant

Research support

2017-2020 Platform Construction Fund, Southwest University, China
2018-2021 Russian Science Foundation
2020-2022 St. Petersburg State University State Budget Fund
2020-2022 Granov Medical Center State Budget Fund
2020-2022 Almazov National Medical Center State Budget Fund

MEDIA COVERAGE:

April 2012: *Scientific American* blog interview about lab's research
June 2012: Interview about lab's research on *German Public Radio* (Germany)
July 2012: *Tulane New Wave* Article about the lab's research
July 2012: Foundation for Biomedical Research Newsletter coverage of lab's research
Sept 2012: Interview about neuroscience for Arkansas Tech University TV
June 2013: Interview for *the National TV Company of Japan (NHK)*
Nov 2013: Interview to *Voice of Armenia* national newspaper
Nov 2014: Mention in *Science* Magazine commentary
May 2019: Russian TV interview
May 2020: Russian TV coverage of lab research
May 2020: Interview for the Russian Newspaper

ACADEMIC CONTRIBUTION:

PhD dissertations, Director or co-director

2006 A. Minasyan, Tampere University, Finland – co-supervisor
2012 J.M. Cachat, Tulane University, USA - supervisor
2022 K.A. Demin, St. Petersburg State University, Russia – supervisor
2023 T.O. Kolesnikova, Sirius University of Science and Technology, Russia - supervisor

Membership in Doctoral Dissertation committees

2011-2012 A.M. Stewart, Bioengineering PhD Program, University of Illinois in Chicago (UIC), Member
2010-2012 B. Levy, Neuroscience Program, Tulane University, Member
2010-2012 B. Scruggs, Pharmacology Department, Tulane University, Member
2009-2013 J.M. Cachat, Neuroscience Program, Tulane University, Director
2016-2019 T.O. Kolesnikova, S.L. Khatsko, K.N. Zabegalov, A. Zhdanov, Ural Federal University, Director
2016-present K.A. Demin, A.M. Lakstygol, Yu Kositsin, St. Petersburg State University, Director
2021-present O. Doszyn, Polish Academy of Sciences, Member

Membership in Dissertation evaluation committees

2014 F. Ahmad, University of Leiden, Netherlands, external evaluator
2015 D. Carmer, University of Wollongong, Australia, external evaluator
2016 B. Nelson, University of Rome, Italy, external evaluator

Other

- Director, Departmental seminars series, Department of Physiology and Biophysics, Georgetown University Medical School, Washington DC, USA (2008-2009)
- Faculty Member, Tulane Pharmacology MS Program (2009-2012)
- Pharmacology MS Thesis Director (C. Suci 2009, K. Wong 2010, S. Leonard 2011)
- Pharmacology MS Thesis Committee member (M. Walters 2009, R. Wekerle, 2012)
- Faculty Member of Tulane University Biomedical Sciences Graduate Program (2009-2012) and Tulane Center for Aging and Tulane Graduate Program in Aging (2010-2012)
- Faculty Member, Tulane University's Neuroscience Graduate (MS, PhD) Programs (2009-2012)
- Neuroscience MS Thesis Director (J. Chung, S. Gaikwad, 2010, C. Collins, 2012)
- Member, Tulane University Senate Budget Review Committee (2010-2012)

Regular ad-hoc reviewer for academic journals:

PNAS, Animal Behavior; Aquatic Toxicology; Basic and Clinical Pharmacology and Toxicology; Behavioral Processes; Behavioral and Brain Functions; Behaviour; Behavioural Brain Research; Biological Psychiatry; Biotechnology and Biological Sciences; BMC Biology; Brain Research; Brain Research Bulletin; Brain Stimulation; Brain, Behavior, and Immunity; Cell Biology and Toxicology; Comparative Biochemistry and Physiology; Current Neuropharmacology; Disease Models and Mechanisms; Environmental Biology of Fishes; European Journal of Pain; European Neuropsychopharmacology; Expert Opinion on Drug Discovery; Frontiers in Child and Neurodevelopmental Disorders; Frontiers (Neuroscience, Behavioral Neuroscience, Pharmacology), Hormones and Behavior; Laboratory Animal Research; International Journal of Molecular Sciences; Journal BioTechniques; Journal of Behavioral and Brain Science; Journal of Biological Chemistry; Journal of Comparative Psychology; Journal of Neuroscience; Journal of Neuroscience Research; Journal of the American Association for Laboratory Animal Science; Letters in Drug Design and Discovery; Molecular and Cellular Endocrinology; Nature Protocols; Neurobiology of Learning and Memory; Neurochemical Research; Neuropharmacology; Neuropsychopharmacology; Neuroscience Bulletin; Neuroscience Letters; Neuroscience Research; Neurotoxicology and Teratology; Physiology and Behavior; PLoS One; Progress in NeuroPsychopharmacology and Biological Psychiatry; Psychoneuroendocrinology; Reviews in the Neuroscience, Neuroscience and Biobehavioral Reviews, Zebrafish, Scientific Reports, Nature Chemical Biology.

NATIONAL AND INTERNATIONAL COMMITTEES, EXPERT REVIEWER OF GRANT PROPOSALS:

- | | |
|------|---|
| 2009 | National Institute of Drug Abuse, NIDA/NIH, US (Behavioral Science Track Award for Rapid Transition B-START Study section)
Academia Europaea, EU (Prizes of Academia for young scientists from Europe) |
| 2010 | National Centre for the Replacement, Refinement, Reduction of Animal in Research (NC3Rs), UK (NC3R's Grant Program)
Netherlands Organization for Scientific Research, Netherlands (Innovational Research Incentives Scheme – Vidi Grant)
Natural Sciences and Engineering Research Council of Canada, Canada (Discovery Grants)
Medical Research Council, MRC, UK (Neuroscience and Mental Health) |
| 2011 | The Israel Science Foundation, Israel (Legacy Heritage Biomedical Science Partnership)
Council of the Earth and Life Sciences, Netherlands (CELS Research grants)
European Research Advisory Board, EU (ERAB Grants Program)
Medical Research Council, MRC, UK (MRC Research Grants) |
| 2012 | Dutch National Research Council, Netherlands (Research Grants Program)
Romanian National Research Council (RNRC), Romania (National Research Grants)
Medical Research Council, MRC, UK (MRC Research Grants) |

- 2013 National Centre for the Replacement, Refinement, Reduction of Animal in Research (NC3Rs), UK (NC3R's Grant Program)
The Israel Science Foundation (Israel)
- 2014- Luxembourg Research Fund (Luxembourg), NIH SCR (NAL Study section, PMDA Study section,
2015 Special review panel, BBBP Integrated review panel), NMB (Neurobiology of Motivated Behavior, Mail reviewer), Ontario Research Fund, Canada
National Centre for the Replacement, Refinement, Reduction of Animal in Research (NC3Rs), UK (NC3R's Grant Program), California Brain Program (CA, USA)
- 2016- Luxembourg Research Fund (Luxembourg), Kansas Research Foundation (USA), NIH (USA)
present Russian Academy of Sciences, Russian Science Foundation

RECENT INVITED LECTURES AND SEMINARS:

Named and Special lectures:

Rudolf Magnus Lecture, Rudolph Magnus Institute of Neuroscience, University of Utrecht, Netherlands, May 2008
Institute Lecture, Max Planck Institute for Psychiatry, Munich, May 2012
ISBS Presidential lecture, 21st International "Stress and Behavior" Society Conference, St Petersburg, Russia, May 2014

Other National Meetings:

Invited speaker, Satellite symposium on Behavioral Recognition, SfN Conference, DC, November 2008
Inaugural speaker, 1st Neuroscience Symposium, Arkansas Tech University, Russellville, AR, October 2009
Invited speaker, 3rd Addiction Neurobiology Conference, San Antonio, TX, March 2010
Speaker, 5th Symposium on Aquatics Models, Eugene, OR, September 2010
Panel Participant, Keck Conference on Visualizing Science, Davis, CA, November 2010
Inaugural Speaker, Stress Physiology Center Seminars, University of Minnesota, Minneapolis, April 2011
Chair, 16th International "Stress and Behavior" (North America) Conference, New Orleans, LA, June 2011
Speaker, Midwest Zebrafish Research Symposium, Twin Cities, MN, August 2011
Symposium Chair and speaker, 4th Behavior, Biology and Chemistry: Research in Addiction, San Antonio, March 2012
Chair, 18th "Stress and Behavior" (North America) Regional Conference, New Orleans, LA, June 2012
Chair, 20th "Stress and Behavior" (North America) Regional Conference, New Orleans, LA, June 2013
Speaker, Behavior Ontologies workshop, Phenotype Ontology RCN, Duke University, Durham, February 2013
Chair, 21st "Stress and Behavior" (North America) Regional Conference, New Orleans, LA, June 2014

International Meetings, Russian and Foreign Academic Institutions:

Speaker, Symposium for YI Awardees, World Congress of Biological Psychiatry, Vienna, Austria, June 2005
Plenary speaker, 9th International "Stress and Behavior" Congress, St. Petersburg, Russia, May 2005
Guest Lecturer, Department of Pharmacology, University of Kuopio, Finland, September 2005
Symposium presentation, Finnish Endocrine Society Meeting, Helsinki, Finland, April 2005
Invited lecturer, Medical School, University of Tampere, Tampere, Finland, May 2005
Invited Lectures, Department of Neuroscience, University of Maryland, Baltimore, June 2006
Symposium Lectures, NIMH Annual Retreat, NIMH, NIH, September 2006
Guest Lecturer, School of Biomedical Sciences, University of Durham, UK, May 2007
Guest Lecturer, Medical School, University of Tampere, Tampere, Finland, May 2007
Guest Lecturer, Department of Psychology, University of Helsinki, Finland, May 2007
Plenary speaker, 10th International "Stress and Behavior" Congress, St. Petersburg, Russia, May 2007
Guest Lecturer, EU MS Program in Neuroscience, St. Petersburg State University, Russia, May 2007
Guest Lectures, Laboratory of Behavioral Neuroscience, NIMH, NIH, June 2007

Seminar speaker, Department of Physiology, Georgetown University, Washington DC, October 2007
Symposium Co-Chair, 3rd International Brain and Behavior Congress, Athens, Greece, November 2007
Guest Lecturer, Gladstone Institute for Neurological Disease, San Francisco, August 2007
Guest Lecturer, Douglas Hospital Medical Research Center, Montreal, Canada, December 2007
Symposium lecturer and Chair, CINP Regional Asia-Pacific Meeting, Kuala Lumpur, Malaysia, April 2008
Guest Lecturer, Institute of Brain Sciences, Fudan University, Shanghai, China, April 2008
Guest Lecturer, School of Biomedical Sciences, Jiao-Tong University, Shanghai, China, April 2008
Organizer and Chair, 1st International Summer school on stress neuroscience, Petersburg, Russia, May 2008
Guest Lecturer, Medical School, University of Tampere, Tampere, Finland, May 2008
Guest Lecturer, Rudolf Magnus Institute of Neuroscience, University of Utrecht, Utrecht, Netherlands, May 2008
Guest Lecturer and Symposium Chair, Radboud University, Nijmegen, Netherlands, May 2008
Master Class, Neuroscience Master Program, University of Utrecht, Utrecht, Netherlands, May 2008
Symposium speaker, Measuring Behavior 2008 Conference, Maastricht, Netherlands, October 2008
Plenary lecturer, Tampere Graduate School Symposium, Tampere, Finland, October 2008
Speaker, Opening Seminar, Departmental Graduate Seminar Series, Department of Physiology and Biophysics, Georgetown University Medical School, Washington DC, September 2008
Symposium Chair, 12th International Stress and Behavior Conference, St Petersburg, Russia, May 2009
Organizer and Chair, 2nd International Summer school on neurogenetics of stress, Riga, Latvia, May 2009
Symposium Chair, 35th Thai Science and Technology Congress, Bangkok, Thailand, October 2009
Symposium Chair, 14th International Stress and Behavior Conference, St Petersburg, Russia, May 2010
Plenary speaker, 10th Spring School of Japanese Molecular Biology Society, Matsushima, Japan, June 2010
Guest speaker, RIKEN Brain Institute, Tokyo, Japan, June 2010
Guest Speaker, Tokyo University of Agriculture and Technology, Tokyo, Japan, June 2010
Seminar speaker, Department of Physiology, LSU Medical School, June 2010
Symposium Chair, 15th International Stress and Behavior Conference, St Petersburg, Russia, May 2011
Plenary speaker, Scandinavian Society for Laboratory Animals Science, Copenhagen, Denmark, May 2011
Guest speaker, University of Zurich, Zurich, Switzerland, October 2011
Guest speaker, Institute of Biomedical Sciences, Zurich, Switzerland, October 2011
Invited Seminar Speaker, Radboud University, Nijmegen, Netherlands, October 2011
Guest speaker, Leibniz Institute for Neurobiology, Magdeburg, Germany, October 2011
Guest speaker, Leiden University, Leiden, Netherlands, October 2011
Guest speaker, University of Utrecht, Utrecht, Netherlands, October 2011
Guest speaker, University of Wutzburg, Germany, November 2011
Invited Seminar Speaker, University of Innsbruck, Innsbruck, Austria, November 2011
Symposium speaker, 21st Anxiety and Depression Conference, Washington DC, November 2011
Symposium speaker, Social Behavioral Neuroscience SfN Satellite Symposium, Washington DC, November 2011
Symposium speaker, SfN Neurophenotyping Satellite Symposium, Washington DC, November 2011
Seminar speaker, Department of Pharmacology, LSU Medical School, February 2010, February 2012
Chair, 17th International "Stress and Behavior" Neuroscience Conference, St Petersburg, Russia, May 2012
Symposium speaker, 20th International Behavioral Neuroscience Society (IBNS) Meeting, Kona, HI, June 2012
Co-Chair, Zebrafish Symposium, SfN Satellite Symposium, New Orleans, LA, October 2012
Seminar speaker, Singapore University of Technology and Design, Singapore, April 2013
Seminar speaker, Singapore A-STAR Institute, Singapore, April 2013
Plenary lecturer, 19th International "Stress and Behavior" Conference, St Petersburg, Russia, May 2013
Invited speaker, MIT, USA, June 2013
Panel speaker, 1st International Task force on Vitamin D and cognition in older adults, Boston, MA, July 2013
Seminar speaker, MIT, Boston MA, August 2013
Symposium co-chair, International PTSD Neuroscience Conference, Yerevan, Armenia, September 2013
Invited speaker, Korean Institute of Science and Technology, IBS. Seoul, Korea, October 2013
Invited speaker, School of Pharmacy, Rowan University, February 2014
Invited speaker, School of Pharmacy, Wayne State University, April 2014
Invited Lecture, Biology School, Moscow State University, Moscow, Russia, May 2014

Invited Lecture, Institute of Pharmacology RAS, Moscow, Russia, May 2014
 Invited Lecture, 35th Annual Meeting of Brazilian Society for Neuroscience and Behavior, Rio, Brazil, September 2014
 Seminar speaker, School of Biomedical Sciences, University of Queensland, Brisbane, Australia, October 2014
 Plenary lecture, Neuroscience Symposium, Guangdong Ocean University, China, October 2014
 Invited Lecture, Safety Pharmacology Society annual meeting, Washington DC, October 2014
 Lecture, 7th International Zebrafish Neuroscience Workshop (ZB2N), Washington DC, November 2014
 Seminar speaker, School of Pharmacy, University of Kentucky, Lexington, December 2014
 Plenary Keynote Speaker, Zebrafish Husbandry Association Annual Meeting, New Orleans, LA, February 2015
 Symposium speaker, LSU Neuroscience retreat, LSU, New Orleans, February 2015
 Guest Lecture, University of Calcutta, Kolkata, India, April 2015
 Guest Lecture, University of Istanbul, Istanbul, Turkey, March 2015
 Guest Lecture, Neuropharmacology Course, University of Helsinki, Helsinki, Finland, May 2015
 Chair and speaker, 23rd “Stress and Behavior” (North America) Regional Conference, Miami, FL, June 2015
 Lecture, Japan Society for Neuroscience annual meeting, Kobe, Japan, July 2015
 Lecture, ISBS Regional (Asia) annual meeting, Kobe, Japan, July 2015
 Invited Lecture, Chinese University of Hong Kong, HK, China, August 2015
 Lecture, Institute of Cytology and Genetics, Novosibirsk, Russia, September 2015
 Lecture, Institute of Physiology, Novosibirsk, Russia, September 2015
 Lecture and Seminar, Ural Federal University, Yekaterinburg, Russia, September 2015
 Lecture, St. Petersburg State University, Russia, September 2015
 Lecture, 1st Medical University, St. Petersburg, Russia, October 2015
 Organizer and speaker, Zebrafish Neuroscience Workshop, SfN Satellite Meeting, Chicago, October 2015
 Lecture, Sechenov Institute of Evolutionary Physiology and Biochemistry, Russia, December 2015
 Lecture, Institute of Experimental Medicine, Almazov Center, Russia, December 2015
 Opening lecture, FENS Course on psychoneuroimmunology, University of Helsinki, Finland, May 2016
 Lecture, Neuroscience Center, University of Helsinki, Finland, May 2016
 Lecture, University of Uppsala, Uppsala, Sweden, May 2016

STUDENT SUPERVISION AND TRAINING:

2003-2005: Tampere University, Tampere, Finland: Anna Minasyan, Tiina Keisala
 2007-2008: NIH/NIMH, Bethesda, MD: Justin LaPorte
 2008-2009: Georgetown University, Washington DC: Carissa Bergner, Amanda Smolinsky, Peter Hart, Rupert Egan
 2009-2012: Tulane University, USA: Peter Canavello, Anna Tien, Hussain Badani, Andrew Jackson, Michael Strong, Amanda Chung, Peter Hart, Sopan Mohnot, Autumn Laffoon, Whitlee Haymore, Jonathan Cachat, Adam Stewart, Eli Utterback, Katie Chang, Michael Rosenberg, Ivan Zapolsky, Sudipta Roy, Christopher Suciu, Esther Beeson, Jason Goodspeed, Chelsea Grimes, Keith Wong, Ashley Denmark, Kevin Frank, Ferdous Kadri, Leah Grossman, John Chung, John DiLeo, Julia Tan, Salem Elkhayat, Marco Elegante, Brett Bartels, David Tien, Dillon Carlos, Tom Gilder, Jessica Cosgrove, Karolly Vollmer, Alan Newman, Patrick Vivano, Michael Caffery, Mitchell Greenberg, Elisabeth Dow, Indya Bruce, Valerie Piet, Molly Hook, Robert Jenkins, Shavonn Whitten, Russel Riehl, Alexander Allain, Roshan Razav, Louie Monnig, Andrew Roth, Danielle Varga, Daniel Desmond, Jolia Raymond, Joseph Enriquez, Sidarth Bagawandoss, Siddharth Gaikwad, Jeremy Green, Simon Chanin, Jonathan Hester, Mimi Pham, Katerine Rhymes, Caroline Fryar, Evan Kyzar, Robi Randhawa, Andrew Freeman, Mohamed El-Ouinsi, Ari Davis, Jonathan Chawla, Mallorie Brimmer, Michael Gebhardt, Samuel Landsman.
 2013-2015: ZENEREI Institute, Slidell, LA, USA: Nikhil Neelkantan, Raymond Arnold, Alina Milhailova, Michael Nguen, Ester Yang, Manoj Poudel
 2014-2016: Guangdong Ocean University, China: Shaomin Li, Yingcong Liu, Peirong Chen, Lei Yang, JiaJia Wang

Teaching experience:

- Team-taught courses in Aging AGST702 and AGST706, Seminars in Aging AGST704, Tulane University
- Team-taught courses in Pharmacology, including Principles in Pharmacology GPHR 7230, Pharmacology research methods GPHR 7500 and Medical Pharmacology (T2), Tulane University
- Director of a graduate Neuropharmacology (GPHR704) course at Pharmacology Department, Tulane University
- Co-Director of BMS Systems Biology graduate course BMSP7770, Tulane University
- Team-taught courses in Neuroscience, including Research Methods in Neuroscience NSCI 6150 and Advanced Studies in Psychology PSYC 661-662, Tulane University
- Moderator of PBL (Problem-based learning) and TBL (team-based learning) sessions for medical students; lectures for Tulane Neuroscience Summer Research program and Newcomb College Institute seminars, Tulane University
- Director of over 50 Independent studies
- General Physiology course, Guangdong Ocean University (2014-2015)
- Graduate neuroscience course, Guangdong Ocean University (2014-2016)

PUBLICATIONS IN SELECTED HIGH-IMPACT JOURNALS:

1. Kyzar EJ, Nichols CN, Nichols D, Gainetdinov RR, Kalueff AV. Psychedelic drugs in biomedicine. *Trends in Pharmacological Sciences (TIPS)*, 2017, [IF = 10.0]
2. Kalueff AV, Stewart AM, Graybiel AM, Berridge KC, Fentress JC. Neurobiology of rodent self-grooming and its value for translational neuroscience research. *Nature Reviews Neuroscience*, 2016, 17, 45-59 [IF = 31.2]
3. Song C, Berridge KC, Kalueff AV. 'Stressing' rodent self-grooming for neuroscience research. *Nature Reviews Neuroscience*, 2016, 591-592 [IF = 31.2]
4. Song C, Shieh SH, Wu YS, Kalueff AV, Gaikwad S, Su KP. The role of omega-3 polyunsaturated fatty acids eicosapentaenoic and docosahexaenoic acids in the treatment of major depression and Alzheimer's disease: acting separately or synergistically? *Prog Lipid Res*, 2016, in press [IF = 10.02]
5. Stewart AM, Kalueff AV. Controlled substances and innovation of biomedicine: a preclinical perspective. *Nature Reviews Neurosciences*, 2013, 15, 34-35 [IF = 31.2]
6. Kalueff AV, Stewart AM, Gottesman I. Targeting dynamic interplay among disordered domains or endophenotypes to understand complex neuropsychiatric disorders: Translational lessons from preclinical models, *Neuroscience and Biobehavioral Reviews*, 2015, 53:25-36 [IF = 10.1]
7. Stewart AM, Ullmann J, Norton WJ, Parker MO, Brennan CH, Gerlai R, Kalueff AV. Molecular psychiatry of zebrafish. *Molecular Psychiatry*, 2015, 20, 2-17 [IF = 15.40]
8. Kalueff AV., Stewart AM, I Gottesman. Rethinking CNS disorders: time for new drug targets? *Trends in Pharmacological Sciences (TIPS)*, 2014, 35, 491-492. [IF = 10.0]
9. Kalueff AV., Stewart AM, Gerlai R. Zebrafish as an emerging model for complex brain disorders. *Trends in Pharmacological Sciences (TIPS)*, 2014. [IF = 10.0]
10. Stewart AM, Braubach O, Gerlai R, Kalueff AV. Zebrafish models for translational neuroscience research: from tank to bedside. *Trends in Neurosciences TINS*, 2014 [IF = 14.0]
11. Scruggs BA, Semon JA, Zhang X, Zhang S, Bowles AC, Pandey AC, Imhof KM, Kalueff AV, Gimble JM, Bunnell BA. Age of the donor reduces the ability of human adipose-derived stem cells to alleviate symptoms in the experimental autoimmune encephalomyelitis mouse model. *Stem Cells Transl Med.* 2013, 2(10):797-807 [IF = 5.6]
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