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Date of birth August 29<sup>th</sup>, 1973  
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*Sphere of scientific interests:*

1	Neurochemistry (monoamines, amino acids, endocannabinoids, BDNF, cytokines)
2	Neurotrophins and secretory autophagy
3	Neuropharmacology (antiparkinsonian drugs, psychostimulators, anxiolytics, antidepressants, cannabinoids, NMDA receptor blockers, GSK3beta inhibitors)
4	Animal model of psychopathologies (anxiety, PTSD, ADHD)
5	The RDoC in preclinical studies
6	Muscle-body axis activity as a target of psychoactive drugs
7	Electrophysiology in vitro, MEA

***I. Category: education, academic degree and work experience***

***1.1 Education***

Higher educational institution(finished)	Russian State Medical University (at present, Pirogov National Research Medical University)
Level of education (fill in all received qualifications) (bachelor's degree, master's degree, one level for 4 years, one level for 5 years, one level for 6 years, residency)	M.Sc., The Neuron Specific Enolase and P-100 content in blood and liquor of patients with head injury and acute stroke Institute of Neurosurgery, Moscow, RF
Diploma number	0036470
Date of issue	June 24th, 1996
Qualification	Physician
Direction (according to the frame of qualification)	Medical biology
Field/qualification (according to the frame of qualification)	Biophysics

***1.2. Doctor's degree (PhD)***

Academic degree equal to doctor's degree, doctor)	Candidate of medical science (Ph.D.)
Date of getting it	February 2nd, 2001
Name of thesis (in case of existence)	Role of dopaminergic and glutamatergic systems of the neostriatum in the mechanisms of action of amphetamine and aminoadamantane derivatives. Institute of Pharmacology, Moscow, RF
Direction (according to the frame of qualification)	Medicine
Field/qualification (according to the frame of qualification)	Pharmacology and clinical pharmacology

Academic degree equal to doctor's degree, doctor	Ph.D.
Date of getting it	December, 2003
Name of thesis (in case of existence)	Role of dopaminergic and glutamatergic systems of the striatum in the mechanisms of d-amphetamine and ammonia neurotoxicity. Tampere University Medical School, Tampere, Finland
Direction (according to the frame of qualification)	Medicine
Field/qualification (according to the frame of qualification)	Physiology

***1.3. Work experience for last 6 years (start with current position)***

No№	-from -to	Working place
1	2018 - present	Staff scientist, Bonn University Hospital, Bonn, Germany Professor-researcher, BAU, Batumi, Geogia
2	2009 – 2018	Staff scientist, post-doctoral researcher Max Planck Institute of Psychiatry, Munich, Germany

**II. Category: Pedagogical and educational-methodical activity according to the profile of competition position**

*2.1 Pedagogical length of service and experience*

More than 6 years	<u>Less than 6 years</u>
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Name of higher educational institution	Level of study	Educational courses
Max Planck Institute of Psychiatry and Ludwig Maximilian University, Munich	High professional	Theoretical and practical course in Basic Neurochemistry “Chemical languages of the brain”

*2.2. Educational-methodical activity (during last 6 years)*

Textbook (among them manual)	
	Name of textbook, date of issue
1	Anderzhanova E, Wotjak CT. Die Mikrodialysetechnik und ihre Anwendung im Bereich der experimentellen Neurowissenschaften. in Handbuch der psychiatrischen Pharmakotherapie, Gründer G, Benkert O (eds.), pp 133-141. Springer, 2012.
Lecture courses (published/electron)	
	Name of lecture course, date of issue, for electron courses electron address
	n/a
Accredited educational program	
	Name of program (pointing university and faculty where this program is accredited)
	University of Nijmegen, Netherland, MED-MMP2B, <a href="http://www.ru.nl/english/">http://www.ru.nl/english/</a>

*2.3. Courses, trainings for rising qualification (during last 6 years)*

Date	Name of courses/trainings	Number of diploma/certificate
2016	LAS interactive (Laboratory animal science), Germany	n/a, see attachments

*2.4. Name of educational course, which can competitor conduct (priority is given to the presented information corresponding course of acting educational program of university)*

№№	Name of course, elector version of lectures, courses and readers	Educational program	Lecture	Practical/working in group	Laboratory works
	Pharmacology		yes	yes	yes
	Biochemical approach to life and molecules		yes	yes	yes
	Biological basis of disease		yes	yes	yes

2.5. *Presented syllabus (present as the enclosure)*

№№	Name of course	Educational program	Form of studies		
			Lecture	Practical/in group/ educational practice, seminar	Laboratory works
	“Chemical language of the brain”	Graduate school of systemic neuroscience, LMU, Munich	yes	yes	yes

**III. category: Pedagogical and educational-methodical activity according to the profile of competition position (during last 6 years):**

3.1. Important publication not more than 10 according to the competitor's consideration (during last 6 years)

(Please fill in the schedule in chronological sequence, start with the newest information)

1	Martinelli S, Anderzhanova E, Wiechmann S, Dethloff F, Weckmann, K, Bajaj T, Hartmann J, Hafner K, Pöhlmann ML, Jollans L, Maccarrone G, Hausch F, Turck CW, Philipsen A, Schmidt MV, Kuster B, Gassen NC. Stress-primed secretory autophagy drives extracellular BDNF maturation, UNDER REVISION (Nat. Communication) DOI: 10.1101/2020.05.13.090514
2	Anderzhanova E, Hafner K, Genewsky AJ, Soliman A, Pöhlmann ML, Schmidt MV, Blum R, Wotjak CT, Gassen NC. The stress susceptibility factor FKBP51 controls S-ketamine-evoked release of mBDNF in the prefrontal cortex of mice UNDER REVISION (Neurobiol. Stress)
3	Lerner S, Anderzhanova E, Verbitsky S, Eilam R, Kuperman Y, Tsoory M, Kuznetsov Y, Brandis A, Mehlman T, Mazkereth R; UCDC Neuropsychologists, McCarter R, Segal M, Nagamani SCS, Chen A, Erez A. ASL Metabolically Regulates Tyrosine Hydroxylase in the Nucleus Locus Coeruleus. Cell Rep. 2019, 29(8):2144-2153.e7.
4	Dedic N, Kühne C, Jakovcevski M, Hartmann J, Genewsky AJ, Gomes KS, Anderzhanova E, Pöhlmann ML, Chang S, Kolarz A, Vogl AM, Dine J, Metzger MW, Schmid B, Almada RC, Ressler KJ, Wotjak CT, Grinevich V, Chen A, Schmidt MV, Wurst W, Refojo D, Deussing JM. Chronic CRH depletion from GABAergic, long-range projection neurons in the extended amygdala reduces dopamine release and increases anxiety. Nat Neurosci. 2018 21(6):803-807.
5	Gazea M, Patchev AV, Anderzhanova E, Leidmaa E, Pissioti A, Flachskamm C, Almeida OFX, Kimura M. Early-life obesity programs sleep disturbances by reducing lateral hypothalamic serotonin. J. Neuroscience, 38, 441-451, 2018.
6	Anderzhanova E, Kirmeier T, Wotjak CT, The RDoC as a new framework for endophenotype-oriented translational neuroscience. Neurobiology of Stress, 7, 47–56, 2017.
7	Kao CY, Stalla G, Stalla J, Wotjak CT, Anderzhanova E. Norepinephrine and corticosterone in the medial prefrontal cortex and hippocampus predict PTSD-like symptoms in mice. Eur J Neurosci, 41, 1139-48, 2015.
8	Kao C-Y, Anderzhanova E, Asara JM, Wotjak CT, Turck CW. NextGen rain Microdialysis: Applying Modern Metabolomics Technology to the Analysis of Extracellular Fluid in the Central Nervous System. Mol Neuropsychiatry, 1,60-67, (DOI:10.1159/000381855), 2015
9	Yen YC, Gassen NC, Zellner A, Rein T, Landgraf R, Wotjak CT, Anderzhanova E. Glycogen synthase kinase-3 $\beta$ inhibition in the medial prefrontal cortex mediates paradoxical amphetamine action in a mouse model of ADHD. Front Behav Neurosci. 9:67. doi: 10.3389/fnbeh.2015.00067, 2015.
10	Anderzhanova E, Wotjak CT. Brain microdialysis and its applications in experimental neurochemistry. Brain microdialysis and its applications in experimental neurochemistry. Cell Tissue Res, 354, 27-39, 2013,

3.2. Important reports on national scientific conferences during last 6 years according to the competitor's consideration (not more than 10), it can be presented as the enclosure.

	National conference
1	n/a
2	
3	
4	
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3.3 Important reports on international and online scientific conferences during last 6 years according to the competitor's consideration (not more than 10), it can be presented as the enclosure.

	International or online conference
1	World Congress on Psychiatry, Kyoto, Japan, 2013
2	Biological Basis for individual sensitivity to psychotropic drugs, Moscow, RF, 2015
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7	
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3.4. Participation in research or other projects during last 6 years.

№	Years of fulfilment	Donor organization № of project, contract	Name of project	Role in the project
1	2018-2020	RFBR, 18-015-00257	Evaluation of the differential roles for GABA-ergic and glutamatergic neurotransmission in the medial prefrontal cortex and amygdala in anxiolytic activity of diazepam, endocannabinoidomimetics, and the original drug LK-933 at conditions of controllable and non-controllable stress.	Leader
2	2014 -2018	Max Planck Gesellschaft/Weizmann Institute of Science	Coding role of microRNA in the brain.	Leader/ investigator
3	2012-2015	Max Planck Gesellschaft	Role for noradrenaline and corticosterone in stress susceptibility in the animal model of PTSD.	Leader
4	2010-2015	Max Planck Gesellschaft	Role for GSK3beta in paradoxical activity of amphetamine in the mouse model of ADHD.	Leader

3.5. One thesis completed during last 10 years to be presented to the competition commission for evaluation (it should be presented as enclosure in printed or online version)

Kind of publication	Title of publication, authors Name of magazine, publication, type/volume Pages, electron address of publication	Year of publication
Oral presentation	Animal Models of Psychopathological states. Andyarzhanova E.A., Wotjak C.T. Experimental and clinical pharmacology, Suppl. P. 69.	2015

3.6. Concept according to the competition position profile in the field of development, teaching and scientific researches (it should be presented as the enclosure)

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#### ***IV. Category: other kinds of activities (during last 6 years)***

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##### ***4.1. Guide of doctoral thesis (only professors)***

<b>No</b>	<b>Name of thesis</b>
1	Role of dopaminergic and glutamatergic systems of the striatum in the mechanisms of d-amphetamine and ammonia toxicity. <a href="https://tampub.uta.fi/bitstream/handle/10024/67326/951-44-5787-0.pdf">https://tampub.uta.fi/bitstream/handle/10024/67326/951-44-5787-0.pdf</a>

##### ***4.2. Achievements, scholarships awards and so on***

<b>No</b>	<b>Name of activity</b>
	n/a

##### ***4.3. Knowledge of foreign languages***

1	Russian	Mother tongue
2	English	C1
3	German	B1
4	Greek	B1

##### ***4.4. Computer skills***

1	Microsoft office (Word, Excel, Powerpoint, Outlook)	Very good
2	GrapPrizm.7 and higher	Very good
3	SPSS.16 and higher	Good
4	Zotero	Very good
5	Adobe Illustrator CC 2017, Adobe Photoshop CC 2014	Very good
6	Corel Draw.10 and higher	Very good
7	Sketch.3	Very good

***I prove accuracy of the information***

***Signature***