OLGA **KULDAVLETOVA**

· PhD in Physiology and Biology of Organisms ·
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FEVRIER 2020 – AOUT 2021

ATER, UFR STAPS

(NORMANDY UNIVERSITY OF CAEN, FRANCE)

Courses for students at UFR STAPS and UFR PBOP
Research activity at the Laboratory COMETE:
OrthoCer project
Co-direction of Master 2 student

FEVRIER 2016 – FEVRIER 2020

PHD FELLOW, LABORATORY COMETE

(NORMANDY UNIVERSITY OF CAEN, FRANCE)

Functional multisensory integration and plasticity of vestibular reflexes.

EDUCATION

2015

TRAINEE, HUMAN AND ANIMAL PHYSIOLOGY LABORATORY, PETRSU

A traineeship in research in human physiology and neuroscience

2013 - 2015

MASTER'S DEGREE IN COMPUTER SCIENCE, DEPARTMENT OF INFORMATION MEASURING SYSTEMS AND PHYSICAL ELECTRONICS

Grant: Project on science popularization was granted from the Foundation for Assistance to Small Innovative Enterprises in Science and Technology ('Bortnik foundation", Moscow)
Publications: KINECT TECHNOLOGY FOR EDUCATION AND DEVELOPING RESEARCH THINKING/ Kuldavletova O. E. / The reports of the winners of the 66th All-Russian Students and Young Scientists' Conference with International Participation – Petrozavodsk : PetrSU, 2014. – P. 302-3
Museum of physical phenomena as a means of organizing independent work of students and schoolchildren / Ershova N., Kuldavletova O., Nazarov A., Shtykov A.; Science And School. – 2013. - #5. – p. 117-122.

2009 - 2013

BARCHELOR'S DEGREE IN TECHNIQUE AND TECHNOLOGY, DEPARTMENT OF INFORMATION MEASURING SYSTEMS AND PHYSICAL ELECTRONICS

Barchelor's degree in technique and technology
The development of the Museum of Science and Science popularization programs

PUBLICATIONS

- **O. Kuldavletova**, S. Marie, P. Denise, H. Normand, 2018. Influence of graviceptor stimulation initiated by off-vertical axis rotation on ventilation; Experimental Physiology. doi: 10.1113/EP087035
- **O. Kuldavletova**, P. Denise, G. Quarck, M. Toupet, H. Normand, 2019. Vestibulo-sympathetic reflex in patients with bilateral vestibular loss; Journal of Applied Physiology. doi: 10.1152/japplphysiol.00466.2019
- **O. Kuldavletova**, S. Tanguy, P. Denise, G. Quarck, 2020. Vestibulo-ocular responses, visual field dependence and motion sickness in aerobatic pilots*;* Aerospace Medicine and Human Performance. doi: 10.3357/AMHP.5435.2020.
- **O. Kuldavletova, 2020.** Functional multisensory integration and plasticity of vestibular reflexes. **THESIS**. Université de Caen.
- *2 other publications as first author in preparation.*

SCIENCE COMMUNICATION

- Vestibulo-ocular responses, visual field dependence and motion sickness in aerobatic pilots. O. Kuldavletova*, S. Tanguy, P. Denise, G. Quarck :
  FENS, October 2017, Pecs, Hungary**;**
  JED 2018, Rouen, France.
- Influence of graviceptor stimulation initiated by off-vertical axis rotation on ventilation. O. Kuldavletova, S. Marie, P. Denise, H. Normand :
  JED 2019, Caen, France.
- Vestibulo-sympathetic reflex in patients with bilateral vestibular loss. O. Kuldavletova, P. Denise, G. Quarck, M. Toupet, H. Normand :
  SfN Neuroscience2019, **October 2019,** Chicago, Illinois, USA.

TEACHING EXPERIENCE

- **UFR STAPS** (Physical and sports activity science and technique faculty)

2018-2019: System physiology: Cardio-Vascular physiology, (1-year students), tutorial classes. 64 hours

2019-2020: System physiology: Cardio-Vascular physiology, Respiratory physiology, (1-year students), tutorial classes. 80 hours
Statistics 2 (2-year students in ergonomy), tutorial classes. 16 hours
Neurosciences, tutorial classes. (1-year students). 10 hours
Remediation course on Life Sciences (1-year students). 16 hours

2020-2021: Methodology of research (3-year students), tutorial classes. 10 hours
Statistics 1 (2-year students), tutorial classes. 45 hours
Sensory physiology, perception and action, (3-year students), tutorial classes. 10 hours
Cognitive psychology and ergonomy, (2-year students), tutorial classes. 8 hours
Movement analysis, (1-year students), tutorial classes. 80 hours
Statistics 2 (2-year students in ergonomy), tutorial classes. 16 hours
Virtual Reality Technology, (3-year students), tutorial classes. 16 hours

- **UFR PBOP** (Physiology and Biology of Organisms)

2019-2020: Neurosciences (Master of sciences), lecture. 4 hours

2020-2021: Neurosciences (Master of sciences), lecture. 4 hours

- **Supervising**

2016: Master 1
2017: Master 1
2020: Master 2, co-direction

SCIENTIFIC INTERESTS

- Vestibular system
- VOR tracking
- Multisensory integration
- Vestibular system and sports
- Aviation
- Internal model of gravity
- Motion sickness
- Vestibulo-sympathetic control
- Perception of movement
- Space flight

PEER-REVIEWING

- Experimental Physiology, 2020


WILEY

REVIEWER CERTIFICATE

This certificate is awarded to

OLGA KULDAVLETOVA

For serving as a reviewer for

EXPERIMENTAL PHYSIOLOGY

Experimental Physiology — A Publication of The Physiological Society — EP

Thank you for reviewing 2 Manuscripts in 2020

1 March 2021
Date

Mike Tipton
Editor-in-Chief

LANGUAGES

- Russian (native)
- English (fluent)
- French (fluent)
- Japanese (beginner)

ADDITIONAL SKILLS AND INTERESTS

- Art
  Printed graphics, etching techniques
  2016 - present: ESAM, printed graphics workshop, Caen
  2020 - present: Member of association “Labo Des Arts”, Caen
  Portfolio : behance.net/oemilevna
- Graphic Design
  Illustration
  Science illustration
- Animation
- String music instruments
- Language and its cultural and biological bases and its connection to art and music