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Deputy Director for Fundamental Scientific Research



Kuzovlev Artem Nikolaevich - Deputy Director for Fundamental Scientific Research of the Research Institute of General Resuscitation named after A.I. V.A. Negovsky Federal State Budgetary Scientific Institution "Federal Scientific and Clinical Center for Resuscitation and Rehabilitation", Head of the Laboratory of Clinical Pathophysiology of Critical Conditions.

In 2010, Kuzovlev A.N. Completed and defended ahead of schedule his *Ph.D.* V.A. Negovsky. The introduction of the results of this study into the clinical practice of intensive care units made it possible to reduce mortality in the group of patients with acute respiratory distress syndrome.

In 2012 and 2015 Kuzovlev A.N. became a *laureate of the Scholarship of the President of the Russian Federation for young scientists and graduate students* carrying out promising research and development in priority areas of modernization of the Russian economy (projects “New biomarkers of severe infectious complications of critical conditions” (2012-2015); “New aspects of the diagnosis and treatment of nosocomial pneumonia in patients with surgical abdominal infection” (2015-2017).

In 2015, Kuzovlev A.N. *defended his doctoral dissertation* on the topic “Molecular, genetic and clinical aspects of the diagnosis and treatment of nosocomial pneumonia”. According to the results of the study, Kuzovlev A.N. a new algorithm for the diagnosis of nosocomial pneumonia was developed and introduced into the practice of intensive care units using new molecular and genetic biomarkers; new regimens of antibiotic therapy have been identified using inhaled tobramycin as an adjunct to systemic antibiotics.

Area of scientific interests Kuzovlev A.N. – studying the mechanisms of development, new methods for diagnosing and treating sepsis and acute respiratory failure, studying the genetics of critical conditions and developing methods for diagnosing and predicting the outcomes of their course based on the knowledge gained, developing new molecular biomarkers of critical conditions, new methods of antibiotic therapy for nosocomial pneumonia in critically ill patients states. An important direction of scientific activity of Kuzovlev A.N. is to study the problem of diagnosis and treatment of circulatory arrest and management of patients in the postresuscitation period.

The authority of Kuzovlev A.N. as a scientist and teacher is recognized in the Russian Federation and abroad. The results of scientific research Kuzovleva A.N. published in leading scientific journals with impact factors of 3-6, presented at major domestic and international scientific conferences ( *Critical Care (impact factor 4.48)*, *Scientific Reports (5.57)*, *Seminars in Cardiothoracic and vascular Anesthesia (0, 95)*, *Micron (1.98)* ). Hirsch index Kuzovlev A.N. - 12 (according to RSCI), 5 (according to Scopus ).

Kuzovlev A.N. - Member of the editorial board of the journal "General Resuscitation", as well as a reviewer of the journals "Anesthesiology and Resuscitation", "Bulletin of Intensive Care", " Respiratory care " ". Kuzovlev A.N. - Member of the Academic Council of the Federal State Budgetary Scientific Institution "Federal Scientific and Clinical Center for Resuscitation and Rehabilitation", the dissertation council for the defense of dissertations for the degree of Candidate of Medical Sciences, for the degree of Doctor of Medical Sciences D 001.059.01 on the basis of the Federal State Budgetary Scientific institutions "Federal Scientific and Clinical Center for Resuscitation and Rehabilitation", as well as the Committee for Recommendations and Organization of Research of the Federation of Anesthesiologists and Resuscitators. Within the framework of this committee, Kuzovlev A.N. takes an active part in the development of clinical guidelines for anesthesiology and resuscitation and in conducting multicenter studies on key issues of the specialty.

In 2017, Kuzovlev A.N. became a laureate of the Moscow Government Prize for Young Scientists for 2016 for the scientific project “Improving the efficiency of diagnosis and treatment of infectious complications of critical conditions using modern technologies” ( <http://xn--d1acaa0afldb6c3b6bf.xn--p1ai/laureats/2016/> ).

Since 2010 Kuzovlev A.N. with a lecture course, participates in all certification cycles in the specialty "anesthesiology-resuscitation", conducted at the Research Institute of General Resuscitation named after. V.A. Negovsky FSCC RR, as well as the European Cycle of Continuing Education for Anesthesiologists ( C EEA). Kuzovlev A.N. constantly improves his professional knowledge, devotes a lot of time to working with modern medical literature, regularly delivers reports and lectures at meetings and conferences of the Moscow Scientific Society of Anesthesiologists and Resuscitators, the Federation of Anesthesiologists and Resuscitators of Russia, scientific and practical conferences in the Russian Federation and abroad.

Kuzovlev A.N. supervises the cooperation of the Federal Scientific Clinical Center for Resuscitation and Rehabilitation and the European Council for Resuscitation, is a member of the Scientific Committee of the European Council for Resuscitation; co-author of recommendations for resuscitation of the European Council for Resuscitation. Under the leadership of Kuzovlev A.N. in the Russian Federation, more than 100 instructors of basic and advanced resuscitation courses for providers and instructors have been trained under the educational programs of the European Resuscitation Council, a unique system of centers for conducting European Resuscitation Council courses in Moscow and the regions of the country has been created. Kuzovlev A.N. takes part in the development and implementation of educational programs on first aid in the Russian Federation.

Kuzovlev A.N. Since 2011, he has been an Associate Professor at the Department of Anesthesiology and Resuscitation of the Moscow State University of Medicine and Dentistry. A.I. Evdokimova \_). At the department, he oversees the use of simulation technologies in teaching students the practical skills of resuscitation. Under the leadership of Kuzovlev A.N. at the department, a modification of the curriculum of practical classes in anesthesiology and resuscitation was carried out in accordance with the latest pedagogical developments, modern technologies for simulation training of students were introduced. In 2015, Kuzovlev A.N. completed the educational cycle "Teacher of Higher Education" (1050 hours) and received the appropriate qualification.

Information about citation <b>Kuzovlev Artem Nikolaevich</b>			
total number of citations	h-index	the name of the system from which the indicators are taken	personal identifier in this system
463	12	RSCI	571960
161	5	Scopus	35201397900
31	3	web of science	F-6462-2017
207	6	ResearchGate	<a href="https://www.researchgate.net/profile/Artem_Kuzovlev">https://www.researchgate.net/profile/Artem_Kuzovlev</a>
No	No	ResearcherID	F-6462-2017
No	No	ORCID ID	0000-0002-5930-0118