

**INTERNATIONAL
CONGRESS
&
SCIENTIFIC AND
PRACTICAL SCHOOL
“THE TOPICAL ISSUES
OF FORENSIC MEDICINE
AND EXPERT
PRACTICE – 2018”**

Dear colleagues!

On behalf of Organizing committee, I welcome all participants and guests of the International Congress and scientific and practical school «**Topical issues of forensic medicine and expert practice – 2018**»!

The congress is the largest in Russia international scientific and practical event, which unites large audience of leading scientists and experts in the field of forensic medicine, chiefs of departments and heads of forensic medical institutions of the country.

The present Congress is an authoritative forum, which, since 2013, is annually carried out in Moscow under patronage of the Ministry of Health of Moscow region.

Organizers of the Congress are sure that this important action for forensic medical community because it is opportunity to discuss problems of forensic science and the expert practice, to look at them from various positions and, whenever possible, to find solutions.

The importance of that forums emphasizes the fact that from last year our Congress has been included in the European planned schedule of scientific actions on forensic medicine. This international recognition has raised not only the status of a forum, but also has expanded format of professional communication. This year leading scientists in the field of forensic medicine from Russia, Germany, the Czech Republic, Slovakia, Belorussia, Kazakhstan, Turkmenistan, Kyrgyzstan and others the countries will gather for discussion of the most relevant problems of forensic medicine.

Uniqueness of the Congress – cross-disciplinary approach to discussion of problems that allows more deeply to look at current problems of forensic medicine and expert practice. Scientific program of the Congress covers the major achievements in different areas forensic medicine and related subjects, new directions of expert researches in thanatology,



laboratory diagnostics of pathological processes, expert and law-enforcement practice of medical criteria of severity of bodies injuries.

The platform for ongoing events, the program of the Congress, by tradition is a clinical base of M.F. Vladimirovskiy Moscow Regional Research and Clinical Institute («MONIKI») forensic medical laboratories of Bureau of Forensic Medicine of Moscow Region. According to reviews participants of the previous forums, the chosen platform allows to carry out comfortably and qualitatively planned events of sections, scientific and practical schools and master classes.

Forming the program of (already the sixth) Congress, we with pride and satisfaction have noted width of the subjects offered to discussion. From a year in a year the number of actions extends within Congress. Besides plenary sessions, on which program reports about main trends and ways of development of world forensic medicine in the 21st century, during 10 sections it is supposed to discuss procedural, organizational and methodical fundamentals of thanatology, forensic medical examination of victims, defendants and other persons, material proofs of biological origin, criminal cases and medical documents.

Participants of specialized section «**Forensic chemical and chemical-toxicological researches in expert practice**» will discuss current trends in development of applied methods of forensic chemical and toxicological analysis of narcotic and psychoactive substances, also will get acquainted with opportunities of modern chromatomass spectrometry for search, identification and quantitative definition of toxicologically significant substances in objects of biological origins. In the same time round table with poster session about discussion of practical aspects of work of forensic experts-chemists.

This year interdepartmental section «**Medical criminalistics researches in expert practice**» will unite doctors-forensic scientists from regional bureau of forensic medicine, medical criminalist from departments of forensic biological researches Chief department of Investigation Committee of Russia and Criminalistics Center of Ministry of Internal Affairs of the Russian Federation, university the anthropologists and other experts who are engaged problems of medico-criminalistic investigation.

Such community of experts will allow to look on problems of appointment and methodology of carrying out situational examinations, competences of experts of the solution of situational tasks, comparing the data got in the investigative way and received during medical criminalistic investigation. Colleagues will share achievements in the field of identification investigations of living persons and tools of a trauma.

Methods of molecular genetic individualization of the person and forensic medical identification of the personality and establishment biological relationship are most dynamic areas of forensic medical examination. Leading experts in this areas will gather in Moscow to discuss problems on the section of the same name «**Molecular and genetic researches of identification of the personality in expert practice**». During work of section Russian and foreign scientists will share experience of the most rational techniques with colleagues helping to keep rare biological material for molecular and genetic researches, carrying out examinations of disputable paternity with difficult objects researches. Special attention will be paid to methods molecular and genetic research of biological the objects collected from crime scenes in emergency cases with numerous loss of human life, and identification of remains of unknown persons.

The reports prepared by participants of section «**Judicial histologic researches in expert practice**», are devoted to new opportunities of determination of live-time of injuries and other pathological processes in forensic medicine. The deserved attention it will be given to morphological and microscopic diagnostical signs of low temperature injuries, including in cases of death the victims in a hospital who have been delivered to the medical organizations after cold trauma and died of various complications of cold trauma.

The reports traditionally presented by participants of section «**Forensic medical examination concerning living persons**» will be about questions of assessment of severity of the harm done to health of the person; errors of use of Medical criteria; interesting and exceptional cases from expert practice. Participants of section will get acquainted with opportunities of methods of radiological and laboratory diagnostic signs of a trauma, definition of alcohol and drugs in biological liquids at children.

In our opinion, the reports submitted on the multidisciplinary section «**Examination of Professional Offences of Health Workers**» will be of particular interest. Among speakers – not only forensic scientists, but also leading experts in the field of law, among which scientific and pedagogical employees, representatives of Investigative Committee and Prosecutor's office of the Russian Federation, the famous

lawyers. In the offered format questions of investigation of professional offenses of health workers, establishments of relationship of cause and effect between medical errors and it's consequences for the patient, questions of qualification of the harm done to health of the victim as a result of wrong health care will be considered and discussed.

It should be noted that this year the focus of actions of the Congress on holding master classes of a certain orientation where professionals will share author's techniques and practices, new technologies in this or that sphere of expert practice is kept.

So, forensic experts-biochemists will hold a master class with use of the hi-tech equipment in a research of biochemical indicators of postmortal blood samples for establishment of various causes of death.

For experts-histologists holding two master classes is planned: one – on use of microphotographing at diagnostics of various pathological processes and to archiving of histologic material; another will be devoted to rules of capture (focus, quantity of pieces) of autopsy material for a histologic research and assessment of the received results.

The Congress – the important platform for young specialists. An invaluable contribution to preparation of scientific personnel and increase of professional level of doctors of forensic scientists are «**The school of young scientists and experts**», «**Kryukov's Readings**».

I will dare to remind that in 2017 «**The School of Young Scientists and Experts**» has very surely declared itself. Appointment of this School – association of the famous scientists with graduate students, interns and young doctors – forensic scientists for the deep analysis of the current world achievements of branch. There are no doubts that the format of «school» promotes information, scientific and practical mutual enrichment of each of its participants from venerable scientists to the beginning experts.

The second year in a row there will take place «**Kryukov's readings**», discussion of scientific heritage of professor V.N. Kryukov, including questions of mechanisms, the sequences, antemortality and age of fractures of bones as a result of blunt firm trauma. According to the first participants of «readings», integration them in the program of the Congress not just diversified its thematic range, but also has revealed the value of branch synergy per se.

Organizers of the Congress are sure: the present forum will give the chance of recognition of certain merits and achievements in the field of forensic medical examination, will focus attention on current problems of expert practice and the solution of the tasks set not only for forensic community, but also allied industries of health care. I wish to all participants of the Congress of interesting and productive work!

**President
of Association of Forensic Medical Experts
MD, PhD, prof. V. A. Klevno**