**NIZHNY NOVGOROD STATE MEDICAL ACADEMY**

***INFORMATION LETTER FOR PARTICIPANTS***

*Dear colleagues!*

 *Here is the information about the scientific conference.*

**III ALL RUSSIA 14 INTERREGIONAL SCIENTIFIC CONFERENCE OF YOUNG SCIENTISTS AND STUDENTS WITH INTERNATIONAL PARTICIPATION "MODERN SOLUTIONS OF CURRENT SCIENTIFIC ISSUES IN MEDICINE"**

Date: March 15-16, 2017

Venue of the conference:

-building #2: 70 Gagarina avenue, Nizhny Novgorod, Russian Federation

-building #3: 1 Meditsinskaya st., Nizhny Novgorod, Russian Federation

-building #9: 5a Meditsinskaya st., Nizhny Novgorod, Russian Federation

PROGRAM COMMITTEE

Honorary chairman**: B.E. Shakhov, PhD, Professor, Honoured Worker of Science of RF, Rector of Nizhny Novgorod State Medical Academy**

Organizational committee: **Shkarin V.V., PhD, Professor, Member of RAS, President of NNSMA**

**Terentiev I.G., PhD, Professor, Vice-rector for Scientific Affairs of NNSMA**

**Tsybusov S.N., PhD, Professor, Vice-rector for Academic Affairs of NNSMA**

Executive secretary of the conference: superviser **of Young Scientists Board of NNSMA, Candidate of Medical Sciences, associate professor, Perevezentsev Е.А.**

Secretary assistant: **chairperson of the Young Scientists Board of NNSMA Chernigina I.А**.

Superviser of the Student Scientific Society of NNSMA : **PhD, Professor Grigorieva N.Y.**

**Working languages are English and Russian.**

**Types of presentations:**

-publication of thesis + oral presentation

-publication of thesis

-Poster

-webinar( if any interested persons)

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| **№** | **Conference sections** | **E-mail** |
| **1** | Current issues in obstetrics and gynecology  | ConferenceAG@nizhgma.ru |
| **2** | Pediatric diseases | ConferenceDB@nizhgma.ru |
| **3** | Surgical diseases, anesthesiology, resuscitation science  | ConferenceHB@nizhgma.ru |
| **4** | Radiology, oncology  | ConferenceLD@nizhgma.ru |
| **5** | Internal diseases, cardiology,toxicology, allergology, endocrinology, farmacology | ConferenceVB@nizhgma.ru |
| **6** | Clinical neurosciences | ConferenceFP@nizhgma.ru |
| **7** | Clinical and fundamental neurophysiology | ConferenceNS@nizhgma.ru |
| **8** | Regeneration, adaptation, functional morphology and homeostasis | ConferenceRAM@nizhgma.ru |
| **9** | Immunology,infectious pathology and epidemiology | ConferenceIIE@nizhgma.ru |
| **10** | Social-hygienic, ecological and economical issues of protection and promotion of population health | ConferenceSG@nizhgma.ru |
| **11** | Dentistry  | ConferenceST@nizhgma.ru |
| **12** | Pharmacy | ConferenceF@nizhgma.ru |
| **13** | Free-radical Biomedicine  | ConferenceSB@nizhgma.ru |
| **14** | Biomedical technology  | ConferenceBT@nizhgma.ru |
| **15** | Pediatric surgery, anesthesiology, resuscitation science  | ConferenceHD@nizhgma.ru |
| **16** | Research in nursing care | ConferenceIS@nizhgma.ru |
| **17** | Information technology (IT) in Public Health Service and medical education  | ConferenceIT@nizhgma.ru |
| **18** | Lifestyle and health | ConferenceOZ@nizhgma.ru |
| **19** | Cardiovascular surgery | ConferenceSS@nizhgma.ru |
| **20** | Traumatology and orthopedics  | ConferenceTO@nizhgma.ru |
| **21** | Ophthalmology  | ConferenceGB@nizhgma.ru |
| **22** | Topical aspects of basic medicine and pharmacy\*\* | ConferenceAF@nizhgma.ru |

\*\* - section for students of secondary schools, students of colleges and first-third year students of universities.

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| --- | --- |
| ***Conference application form*** |  |
| Family name, first name, patronymic, age |  |
| Report title |  |
| Scientific supervisor ( for students)  |  |
| Language of report (English/Russian) |  |
| Conference section |  |
| Form of participation (type of presentation) |  |
| Educational institution, department, details( address, phone number, e-mail, web site of educational institution )  |  |
| Contact number, e-mail of a participant  |  |
| Accommodation (yes\no, preferable accommodation option, booking by yourself or through Organizing Committee) |  |

 **March 15**

9.00 – 10.00​ Conference registration.

10.00 – 18.00​ opening of the conference. Plenary speech . Workshops.

**March 16**

9.00 – 17.00 ​Workshops. Closing of Conference.

***PARTICIPATION in the session is FREE of charge ! The organization committee guarantees booking places in a hotel (accommodation is paid by a participant ).***

**Publishing: Session proceedings will be published in a special edition of peer-reviewed scientific and practical online journal "MediAl" («МедиАль»)** (The journal has full-text version in online library www.elibrary.ru /Russian Science Citation Index(RSCI))

**Deadline:** January 15, 2017. Participants should **send materials to the e-mail of the section showmen in the table above.**

**Contacts:**

Executive secretary of the conference: superviser **of Young Scientists Board of NNSMA, Candidate of Medical Sciences, associate professor, Perevezentsev** Еgor Aleksandrovich

+79063536580, peregal@yandex.ru

**Chairperson of the Young Scientists Board of NNSMA Chernigina** Irina Andreevna +79202954952, chernigina.i@mail.ru

Board Chairman of Students Scientific Society of NNSMA Rostov Anton Andreevich +7-920-029-02-37, Anton061193@yandex.ru

Vice-Chairman of Students Research Society of NNSMA Safonova Tatiana Dmitrievna +7-910-395-50-44

**THE ANNEX**

**GUIDELINES FOR Abstract DESIGN:**

*An abstract should contain: authors (put initials before surname), their affiliations, the title and the text of the abstract with indication of subparagraphs as separate lines (aim, materials and methods, results, conclusions), at the end of the file put the name of co-author for contact (phone number and e-mail).* ***The abstract shouldn't exceed 4500 symbols with spaces*** *(font – 12, interval – 1.5, margins – 2 cm on each side). Below you can find an example of an abstract:*

**O.A. Dmitrienko1, V.V. Gostev2, S.V. Sidorenko 3, A.V. Kudryavtseva 4, T.J. Phakidze 4.....**

1 FSBI «N.F. Gamaleya Federal Reseach Centre for Epidemiology and Microbiology», Moscow, 2 FSBI «Scientific Research Institute of Children's Infections FMBA of Russia», St. Petersburg.....

**The role of mobile genetic elements in microevolution of methicillin-resistant Staphylococcus aureus epidemic strain (MRSA) belonging to clonal complex CC8**

CC8 is one of the dominant epidemic lines of MRSA which are spread globally. Earlier, it was pointed out (Dmitrienko O.A., 2008), that the 3 epidemic MRSA strains were circulating in Russian hospitals, including.....

**Aim** – comparative analysis of isolates that were isolated in different time and …...

**Materials and methods**

We studied 2 groups of clinical isolates spa t-008: 5 isolates that were isolated in Moscow hospitals in 1998-2011 (1), and 25 isolates (2) that were isolated in Moscow hospitals and hospitals of Kemerovo region in 1998-2011 from hospitalized patients with different forms of staphylococcal infection. Whole genome sequencing of isolates 1 was performed on «GS Junior» machine (454/Roche) from.....

**Results**

The size of sequenced MRSA genomes including extrachromosomal elements was 2,8-2,9 Mbp.

SCC*mec* IV, islands of pathogenicity (vSAɑ I type, vSAβ II type), intact prophages were identified. Structural organization of genomes was 99% identical to the reference data (COL, NCTC8325, Newman), less than 1500 SNP were identified for 1 genome. Basic differences in structure and high density of SNP were specific for loci with prophages and mobile genetic elements (MGE). It was found out that the isolates relate to European group ST8-B, that appeared in 1990’s (Strommenger B., et al 2013). All studied isolates were rather different by resistances set.....

**Conclusions**

The feature of CC8 representative’s microevolution is.....

 **Guidelines for poster design.**

1. Poster presentation should be submitted on one A1 sheet, horizontal orientation.

2. Wide format printing is preferable.

3. Text, graphs, tables, and drawings can be printed on standard A4 sheets, which should be placed in transparent file folders and attached to the A1 sheet.

4. The following information should be located in the upper part of the poster:

• the section of the competition;

• the title of the report (font size no more than 48 PT.);

• FOR STUDENT – full surname, name, patronymic of the author(s), full title of the educational institution, faculty, course, group;

• FOR YOUNG SCIENTIST – full surname, name, patronymic of the author(s), full title of the educational institution, department, position;

• Name of the scientific group, in which the work was performed;

• Full surname, name, patronymic of the supervisor, academic degree, rank, position.

5. Text of the poster: font not less than 14 PT., the line spacing 1.0

6. The poster presentation should be illustrated with diagrams, charts, drawings and photographs. Each object should have a number, a name, a legend that explains 4 conditional symbols. There should be links for each object in the text. All abbreviations should be used in the text only after mentioning the full term.

Materials must be submitted **until January 15, 2017: specific e-mails for each section are listed in the table above.**

When sending your abstract, tick "notify of reception".