

## CURRICULUM VITAE

**Name:** Klimko Nikolai

**Education:** higher – Military Medical Academy (St. Petersburg, Russia) (1979), adjunct on the Department of Faculty Therapy of Military Medical Academy (1986)

**Academic degree:** ScD (since 1997)

**Academic title:** Professor (since 1998)

**Areas of work:** medicine, mycology, allergy, immunology, hematology

**Languages:** English

**H-index (Scopus) – 23**

**H-index (Web of Science) – 15**

**H-index (Russian Science Citation Index) – 34**

**ORCID** (available online <http://orcid.org/>): <https://orcid.org/0000-0001-6095-7531>

**SCOPUS Author ID** (available online <http://scopus.com/>): author ID: 6602404074

**Researcher ID** (available on <http://researcherid.com/>): H-1750-2013

**eLibrary SPIN** (available on website <https://elibrary.ru/authors.asp>): SPIN-code: 9215-4069, AuthorID: 343926

**Work phone:** +7 (812) 303-51-46

**Institutional homepage:** <https://szgmu.ru/rus/pdo/k/2/>;

<http://mycology.szgmu.ru/izdatelskaya-deyatelnost/zhurnal-problemy-meditsinskoj-mikologii>

**Personal homepage:** [n\\_klimko@mail.ru](mailto:n_klimko@mail.ru)

### **Experience:**

**Work experience in the specialty:** 35 years

#### **Place of work from 1998 to the present:**

Federal State Budgetary Educational Institution of Higher Education “North-Western State Medical University named after I.I. Mechnikov” of the Ministry of Health of the Russian Federation

#### **Position:**

- Head of the Department of Clinical Mycology, Allergy and Immunology;
- Deputy Chief Editor of the journal “Problems in Medical Mycology”;
- Member of the editorial board of scientific journals "Journal of Infectology", "Clinical Microbiology and Antimicrobial Chemotherapy".

#### **Management of dissertation research:**

- number of completed dissertations - 20
- number of dissertation research currently performed - 7

#### **Membership in professional organizations:**

- member of the Board of the Interregional Association of Clinical Microbiology and Antimicrobial Chemotherapy (IACMAC);
- member of the Russian Association of Specialists in Surgical Infections (RASSI);
- representative of the Russian Federation in the European Confederation of Medical Mycology (ECMM); Ambassador in Global Action Fund for Fungal Infection (GAFFI) and Leading International Fungal Education (LIFE);
- member of the European Society for Clinical Microbiology and Infectious Diseases (ESCMID) Fungal Infection Study Group (EFISG), European Committee on Antimicrobial Susceptibility Testing (EUCAST), Infectious diseases Working Group of the European Hematology

Association (EHA), International Society of Chemotherapy (ISC) Fungal Infections Working Group, and European network on Secondary Immune Deficiency (EuroSIDE);  
- fellow of the European Confederation of Medical Mycology (FECMM).

Participated in the developing of 12 published Russian and international Clinical Guidelines, including "Antimicrobial Therapy Control Strategy, 2018", "Diagnosis and Management of Aspergillus Diseases: Executive Summary of the 2017 ESCMID-ECMM-ERS Guideline" and "Global Guideline for the Diagnosis and Management of Mucormycosis: An Initiative of the ECMM in cooperation with ESCMID/EFISG and MSG ERC, 2019".

**Publications:** more than 600 scientific publications, including 60 articles in foreign journals, 20 monographs and chapters in monographs.

#### **Key publications in the journal topics:**

1. *Oliver A Cornely, Ana Alastruey-Izquierdo, Dorothee Arenz, Sharon C A Chen, Eric Dannaoui, Bruno Hochhegger, Martin Hoenigl, Henrik E Jensen, Katrien Lagrou, Russell E Lewis, Sibylle C Mellinshoff, Mervyn Mer, Zoi D Pana, Danila Seidel, Donald C Sheppard, Roger Wahba, Murat Akova, Alexandre Alanio, Abdullah M S Al-Hatmi, Sevtap Arikian-Akdagli, Hamid Badali, Ronen Ben-Ami, Alexandro Bonifaz, Stéphane Bretagne, Elio Castagnola, Methee Chayakulkeeree, Arnaldo L Colombo, Dora E Corzo-León, Lubos Drgona, Andreas H Groll, Jesus Guinea, Claus-Peter Heussel, Ashraf S Ibrahim, Souha S Kanj, Nikolay Klimko, et al.* Mucormycosis ECMM MSG Global Guideline Writing Group Global guideline for the diagnosis and management of mucormycosis: an initiative of the European Confederation of Medical Mycology in cooperation with the Mycoses Study Group Education and Research Consortium / The Lancet 5 November 2019 [https://doi.org/10.1016/S1473-3099\(19\)30312-3](https://doi.org/10.1016/S1473-3099(19)30312-3)
2. *Yana Kozlova Ekaterina Frolova Aleksandra Uchevatkina Larisa Filippova Oleg Aak Ekaterina Burygina Anastasiya Taraskina Natalia Vasilyeva Nikolay Klimko.* Diagnostic markers of allergic bronchopulmonary aspergillosis in patients with severe asthma. *Mycoses.* 2020: 1-19. [doi.org/10.1111/myc.13083](https://doi.org/10.1111/myc.13083)
3. *F Lanternier, D Seidel, L Pagano, J Styczyński, M Mikulska, C Pulcini, J Maertens, P Muñoz, C Garcia, B. Rijnders, M C Arendrup, R Sabino, C Verissimo, P Gaustad, N Klimko, S Arikian-Akdagli, V Arsic, A Barac, A Skiada, L Klingspor, R Herbrecht, P Donnelly, OA Cornely, C Lass-Flörl, O Lortholary.* Invasive Pulmonary Aspergillosis treatment duration in haematology patients in Europe: an EFISG, IDWP-EBMT, EORTC-IDG, SEIFEM survey. *Mycoses.* 2020 May; 63 (5): 420-429. [doi: 10.1111/myc.13056](https://doi.org/10.1111/myc.13056).
4. *Candoni A, Facchin G, Busca A, Lazzarotto D, Cattaneo C, Nadali G, Klimko N, Del Principe MI, Castagnola C, Verga L, Zannier ME, Calore E, Capelli D, Perruccio K, Melillo L, Fanin R, Pagano L.* Central nervous system fungal infections in allogeneic stem cell transplantation. Outcome of 24 recent cases and literature review // *Eur J Haematol.* 2020 Feb;104(2):148-150. [doi: 10.1111/ejh.13355](https://doi.org/10.1111/ejh.13355). [doi: 10.1111/ejh.13355](https://doi.org/10.1111/ejh.13355).
5. *Kozlova Y., Frolova E., Uchevatkina A., Filippova L., Aak O., Burygina E., Taraskina A., Vasilyeva N., Klimko N.* Diagnostic markers of allergic bronchopulmonary aspergillosis in patients with severe asthma. *Mycoses.* - 2020. T. 63. № 6. c. 596-603 [doi: 10.1111/myc.13083](https://doi.org/10.1111/myc.13083).
6. *von Lilienfeld-Toal M, Vehreschild JJ, Cornely O, Pagano L, N. Klimko, Compagno F;* EHA Infectious Disease Scientific Working Group, Hirsch HH. Frequently asked questions regarding SARS-CoV-2 in cancer patients—recommendations for clinicians caring for patients with malignant diseases. *Leukemia.* 2020 May 1:1-8. [doi: 10.1038/s41375-020-0832-y](https://doi.org/10.1038/s41375-020-0832-y).
7. *Arendrup MC, Friberg N, Mares M, Kahlmeter G, Meletiadis J, Guinea J, the Subcommittee on Antifungal Susceptibility Testing (AFST) of the ESCMID European Committee for Antimicrobial Susceptibility Testing (EUCAST), Arendrup M, Meletiadis J, Guinea J, Friberg N, Mares M, Kahlmeter G, Andersen C, Barchiesi F, Chryssanthou E, Hamal P, Järv H, Klimko N, Kurzai O, Lagrou K, Lass-Flörl C, Matos T, Muehlethaler K, Rogers T, Velegriaki A,* How to:

interpret MICs of antifungal compounds according to the revised clinical breakpoints v. 10.0 European committee on antimicrobial susceptibility testing (EUCAST), *Clinical Microbiology and Infection*, <https://doi.org/10.1016/j.cmi.2020.06.007>.

8. *Salmanton-Garcia J, Koehler P., Kindo A., Falces-Romero I., Garcia-Rodriguez J., Racil Z., Chen Sharon C.-A., Klimko N., et al.* Needles in a haystack: Extremely rare invasive fungal infections reported in FungiScope® — Global Registry for Emerging Fungal Infections// *Journal of Infection*. 2020; 81 (5): 802-815, <https://doi.org/10.1016/j.jinf.2020.08.015>

9. *Koehler P, Bassetti M, Chakrabarti A., Chen S, Lopes Colombo A, Hoenigl M., Klimko N., Lass-Flörl C, et al.* Defining and managing COVID-19-associated pulmonary aspergillosis: the 2020 ECMM/ISHAM consensus criteria for research and clinical guidance// *The Lancet Infectious Diseases* - Published:December 14, 2020 DOI:[https://doi.org/10.1016/S1473-3099\(20\)30847-1](https://doi.org/10.1016/S1473-3099(20)30847-1)

10. *Sprute R, Salmanton-García J, Sal E, Malaj X, Falces-Romero I, Hatvani L, Heinemann M, Klimko N.* Characterization and outcome of invasive infections due to *Paecilomyces variotii*: analysis of patients from the FungiScope registry and literature reports. *J Antimicrob Chemother* - online Published 2020. doi:10.1093/jac/dkaa481

**Patents:** Method of treatment of intestinal dysbacteriosis with increased proliferation of fungi of the genus *Candida* // 2153364

#### **Participation in research works:**

- 2011-2015 years – "Invasive mycoses" within the framework of the General five-year theme "Microscopic fungi – biodestructors, allergoproducers, pathogens of out-of-hospital and in-hospital mycoses: from traditional approaches to innovative technologies".
- Sections of the research work: study of invasive aspergillosis features in different categories of patients; study of features of course, diagnosis and treatment of concomitant invasive aspergillosis and invasive mucormycosis, the role of mycogenic sensitization in the pathogenesis of allergic diseases; study of etiology of recurrent candidal vulvovaginitis; the definition of the pathogens types and their sensitivity to azoles (fluconazole) in vitro; study of the clinical and laboratory features of nosocomial invasive candidiasis; study of risk factors, etiology and main features of the clinic and treatment of maxillofacial actinomycosis.
- 2016-2018 – "Molecular biological features of fungal pathogens and molecular mechanisms of mycoses immunopathogenesis as a basis for the development of new methods of diagnosis, prevention and treatment of mycotic diseases".
- Sections of the research work: Clinical and immunological features of invasive aspergillosis in different groups of hematological patients, the role of mycogenic sensitization in the pathogenesis of bronchial asthma, lung mycosis in patients with cystic fibrosis, clinical and laboratory features of various forms of visceral actinomycosis.