

EVGENIIA CHIKINA

I am a bioinformatician with a medical background. I use my medical and biological knowledge to combine with the world of computer science. At the moment, I have particularly good knowledge and skills in analyzing single cell RNA sequencing data.



EDUCATION

Current
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2022



PhD Student, Cellular biology

Koltzov Institute of Developmental Biology of Russian Academy of Sciences

📍 Moscow, Russia

2022
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2020



Master's degree (with honors), Applied Mathematics and Informatics, Bioinformatics and System Biology

ITMO University

📍 Saint-Petersburg, Russia

- **Thesis:** Metabolic Modules Identification in Single-Cell Data
- **Course Project:** Identifying Metabolic Modules in TCGA Datasets
- **Semester Project:** Effects of Background RNA Noise on Differential Expression Results in scRNA-seq

2020
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2014



Specialist degree (with honors), Pediatrician

Saint-Petersburg State Pediatric Medical University

📍 Saint-Petersburg, Russia

- Pediatrician



CONFERENCES

2023



IMGC 2023

36th International Mammalian Genome Conference

📍 Tsukuba, Japan (online)

- **Evgeniia Chikina**, Anastasiia Gainullina, Elena Shagimardanova, Alexander Nesmelov, Airat Bilyalov, Oleg Gusev, Roman Romanov. *Hypothalamic cell diversity underlying behavioral differences in the American mink (Neogale vison)*.
- The best virtual trainee poster

2023



MCCMB'23

11th Moscow Conference on Computational Molecular Biology

📍 Moscow, Russia

- **Evgeniia Chikina**, Victoria Melnikova, Anastasiia Gainullina, Roman A. Romanov. *Hypothalamic neurons in type 1 diabetes at a single-cell resolution*. ISBN 978-5-901158-33-3
- Poster

2023



Lomonosov 2023

30th International Scientific Conference for Undergraduate and Graduate Students and Young Scientists "Lomonosov"

📍 Moscow, Russia

- **Evgeniia Chikina**. *Study of diabetes-specific hypothalamic changes at the single cell level*. ISBN 978-5-317-06952-0

View and download the latest version of this CV with links at <https://github.com/JaneChik/cv> or [here](#)

CONTACT

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🔗 github.com/JaneChik

in [evgenia_chikina](#)

SKILLS



LANGUAGES



Made with the R package [pagedown](#).

The source code is available on github.com/nstrayer/cv. Modified source code for this CV is available [here](#)

Last updated on 2023-09-11.

- 2022 • **Anniversary Scientific Conference «Nikolay Konstantinovich Koltzov and the Biology of the XXI century»**
Koltzov Institute of Developmental Biology of Russian Academy of Sciences  Moscow, Russia
- Evgeniia Chikina, Anastasiia Gainullina, Roman A. Romanov. *Metabolic modules of single cells of the hypothalamus in normal conditions and in metabolic disorders*. ISBN 978-5-00204-554-9
 - Poster
- 2018 • **Nationwide scientific forum of students and young scientists with international participation «Student science – 2018»**
Saint-Petersburg State Pediatric Medical University  Saint-Petersburg, Russia
- Chikina E.A., Shtukina E.D. *Study of microbiological landscape and microorganism susceptibility analysis to antibacterial drugs in the neonatal and premature infants intensive care department, cardiac intensive care department and neonatal pathology department for the period from 2014 to 2017.*¹
 - Pharmacology Section: 3d degree diploma




PUBLICATIONS

- 2022 • **iPSC-Derived Macrophages: The Differentiation Protocol Affects Cell Immune Characteristics and Differentiation Trajectories.**
Klepikova, A.; Nenasheva, T.; Sheveleva, O.; Protasova, E.; Antonov, D.; Gainullina, A.; Chikina, E.; Sakovnich, O.; Gerasimova, T.; Nikitina, I.; et al. Int. J. Mol. Sci. 2022, 23, 16087. <https://doi.org/10.3390/ijms232416087>



OTHER PROJECTS

- Current
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2022 • **vDiveR ShinyApp**
Perdana University (Students Project)
- DiveR is a graphical user interface (GUI)-based web application hosted on R Shiny for the visualization of DiMA results, a tool designed to facilitate the dissection of protein sequence diversity dynamics for viruses.
 - Modifications of ShinyApp scripts
 - https://github.com/pendy05/vDiveR_RShiny
- 2021 • **NGSprint Hackaton**
[NGSchool](#)  Warsaw, Poland (online)
- Project: Data Visualization in Bioinformatics
 - Result: ShinyApp²
 - Certificate by the link³



ACHIEVEMENTS

- 2023 • **IMGC 2023: Best virtual trainee poster**
36th International Mammalian Genome Conference  Tsukuba, Japan (online)
- 2018 • **Annual University Olympiad in Pediatrics**
Saint-Petersburg State Pediatric Medical University  Saint-Petersburg, Russia
- 1st degree diploma
- 2017 • **University Olympiad in Propaedeutics of Children's Diseases**
Saint-Petersburg State Pediatric Medical University  Saint-Petersburg, Russia
- 2nd degree diploma

LINKS

1. <https://www.elibrary.ru/item.asp?id=32783629>
2. https://github.com/JaneChik/NGSprint_Hackathon-TCGA_RShinyApp
3. https://drive.google.com/file/d/1PS_joxoZYsNmJzZyqR5xkMqH9ZiE5UrO/view?usp=sharing