Personal Infromation

|  |  |
| --- | --- |
| Name, Surname | Ia Kusradze |
| Date Of Birth | 28.04.1984 |
| Address | Didi digomi, III B, H13, F77, Tbilisi |
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Education

|  |  |  |  |
| --- | --- | --- | --- |
| Years | Name Of School | Specialty | Qualification |
| **2008-2013** | Ilia State University | Microbiology | Phd |
| 2001-2006 | Ivane Javakhishvili Tbilisi State University | Biological Toxicology | Academic degree |
|  |  |  |  |

## Work experience

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| --- | --- | --- |
| Years | Organization | Position |
| **2005-2019** | G. Eliava Institute of bacteriophages, Microbiology and Virology | Researcher |
| **2019-at**  **present** | G. Eliava Institute of bacteriophages, Microbiology and Virology | Senior Scientist |
| 2015-2017 | LTD GM-Pharmaceuticals | Microbiologist |
| 2018 at present | European University | Assistant – professor |

Knowledge of a foreign language

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Foreign Language | Beginning  Level | Medium  Level | Good Level | Very Good  Level | Select if you have the appropriate certificate |
| English |  |  |  | **X** |  |

# Knowledge of office programs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Beginning Level | Medium Level | Good Level | Very Good Level |
| Microsoft Office Word |  |  |  | X |
| Microsoft Office Excel |  |  | X |  |
| Microsoft Office PowerPoint |  |  |  | X |
| Zoom |  |  |  | X |
| google drive |  |  |  | X |
| Other |  |  |  |  |

Participation in advanced training courses, seminars, trainings

|  |  |  |  |
| --- | --- | --- | --- |
| № | Year | Name of the training | Your status (facilitator, participant, organizer) |
| 1 | 2010 | Molecular Biology; Faculté de Médecine et de Pharmacie, Université de la Méditerranée Aix-  Marseille, France | participant |
| 2 | 2011 | Grant Writing and Business Plan Intensive | participant |
| 3 | 2012 | Development of the Technical Proposal | participant |
| 4 | 2012 | Biosafety Officer Symposium | participant |
| 5 | 2013 | Genome Annotations -Bioinformatics Centre, Institute for Chemical Research, Kyoto University, Japan | participant |
| 6 | 2014 | Biorisk Assessment Workshop | participant |
| 7 | 2015 | Synthetic Biology Centre, Massachusetts Institute of  Technology; Genome engineering | participant |
| 8 | 2016 | ECA-Modern Microbiology Laboratory , Berlin,  Germany | participant |

# Publication

|  |  |  |  |
| --- | --- | --- | --- |
| № | Year | Name Of Publication |  |
| 1 | 2020 | Jaiani E, Kusradze I, Kokashvili T, Geliashvili N, Janelidze N, Kotorashvili A, Kotaria N, Guchmanidze A, Tediashvili M, Prangishvili  D. Microbial Diversity and Phage-Host Interactions in the Georgian  Coastal Area of the Black Sea Revealed by Whole Genome Metagenomic Sequencing. | Mar Drugs. 2020 Nov 14;18(11):558. doi:  10.3390/md18110558.  PMID: 33202695; PMCID: PMC7697616. |
| 2 | 2018 | Genomic Characterization of the three novel Basilisk-like phages  infecting Bacillus anthracis.- Farlow J. Bolkvadze D, .. Kusradze I, et al, | BMC Genomics |

|  |  |  |  |
| --- | --- | --- | --- |
| 3 | 2018 | Selection of Potential Therapeutic Bacteriophages that Lyse a CTX-M- 15 Extended Spectrum β-Lactamase Producing Salmonella enterica Serovar Typhi Strain from the Democratic Republic of the Congo- Kakabadze E,Makalatia Kh, Bakuradze N, .. Kusradze I,.. N.Chanishvili | Viruses, 2018 Apr3; 10(4). Pii E172 |
| 4 | 2018 | New Temperate Enterococcus phage vB\_GEC\_EFS\_2 with potential of lysogenic conversion” S.Rigvava1, I.Kusradze1, N.Karumidze1, T.Dvalidze1,2, M.Katsitadze1, S.Barbakadze1, D.Bolkvadze1,  M.Goderdzishvili1 | GMN |
| 5 | 2017 | Immobilization of bacteriophage in wound-dressing nanostructure” Frederico Nogueira; Natia Karumidze; Ia Kusradze; Marina Goderdzishvili; [...] ;Isabel C. Gouveia | Nanomedicine: nanotechnology, biology, and medicine |
| 6 | 2016 | Characterization and Testing the Efficiency of Acinetobacter baumannii Phage vB\_GEC\_Ab-M-G7 as an Antibacterial Agent- Kusradze I, Karumidze N., Rigavav S., Dvalidze T.,  Katsitadze M., Amiranashvili I, Goderdzishvili M | Front Microbiol. |
| 7 | 2013 | Isolation and characterization of lytic bacteriophages of Klebsiella pneumoniae and Klebsiella oxytoca- Natia Karumidze,Ia Kusradze, Sophio Rigvava, Marine Goderdzishvili, Kumar Rajakumar, Zemphira Alavidze. | Current Microbiology, Volume 66, Issue 3,pp 251-258 |
| 8 | 2011 | Molecular detection of OXA-carbapenemase genes in multidrug- resistant *Acinetobacter baumannii* isolates from Iraq and Georgia- Ia  Kusradze, Seydina M. Diene, Marina Goderdzishvili, and Jean-Marc Rolain | Journal of Antimicrobial Chemotherapy |

**Scientific Activities**

|  |  |  |  |
| --- | --- | --- | --- |
| № | Year | Name Of Scientific Activities |  |
| 1 | 2006-  2009 | ISTC G-1369 -Microflora of inflammatory process in chronic prostatitis and urogenital tracts in men and phage therapy prospects | participant |
| 2 | 2009-  2012 | ISTC G-1666 -Development of a New Phage Composite Targeted to  Prevent and Treat Mixed Infections | participant |
| 3 | 2010 | GNSF-Individual Grant Project – *Acinetobacter baumannii* phages | PI |
| 4 | 2011-  2012 | ISTC G-1912p | participant |
| 5 | 2013 | Shota Rustaveli National Science Foundation - Individual Grant Project-Bioinformatics analyzing of phage genomes | PI |
| 6 | 2011-  2015 | 7FP PIAPP-GA 2011 286468 | participant |
| 7 | 2015 | Shota Rustaveli National Science Foundation - Individual Grant Project- Phage Engineering with Bacterial Biofilm Dispersing Gene | PI |
| 8 | 2013-  2015 | DTRA/CRDF, Characterization of mechanisms of adaptive phage-host co-evolution using next generation sequencing and phenotypic  profiling | participant |
| 9 | 2015-  2017 | ISTC A-1420 – Targeted elimination of multidrug-resistant (MDR) Salmonella by bacteriophages | participant |

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| --- | --- | --- | --- |
| 10 | 2015-  2018 | TCU P664 “Isolation and Detailed Characterization of Bacteriophages Lytic to Human Pathogenic Species Intrinsically Resistant to Antibiotics” | participant |
| 11 | 2017-  2021 | H2020-FETOPEN-2016-2017 "Constructing a ‘Eubiosis  Reinstatement Therapy’ for Asthma".Acronym CURE Proposal ID 767015. | participant |
| 12 | 2020-  2021 | Shota Rustaveli National Science Foundation -Phage Pastilles for  prevention and treatment of oral cavity and upper respiratory tract infections | PI |

## Additional information

Optionally you can specify additional