

FEMS Research and Training Grantees 2019 (round 1 and 2)

Over two rounds of applications in 2019, FEMS awarded 46 Research and Training Grants (RTG) totalling EUR 140,625

Submission ID	Name	Country of Residence	Society	Duration in months	Title	Period	Name of the host	Name of the hosting institution	Amount (EUR)
FEMS-GO-2018-165	Singh, Dhirendra Kumar	Hungary	British Mycological Society	3	Role of <i>Candida parapsilosis</i> secreted aspartic proteases (SAPPs) in Inflammation and Neutrophil Infiltration during Vaginal Candidiasis.	18 March 2019 to 30 June 2019	Dr. Eva Pericolini	University of Modena and Reggio Emilia, Department of Surgical, Medical, Dental and Morphological Sciences with interest in Transplant, Oncological and Regenerative Medicine, Microbiology Units. Modena, Italy	2800
FEMS-GO-2018-197	Kuzma, Jozef	Czech Republic	Czechoslovak Society for Microbiology	2	Molecular typing of <i>Clostridium difficile</i> clinical isolates	01 June 2019 to 09 August 2019	Prof. Dr. Maja Rupnik	Institute of Public Health Maribor, Centre for Medical Microbiology, Department for microbiological research, Maribor, Slovenia	2900
FEMS-GO-2018-203	Kutnjak, Denis	Slovenia	Slovenian Microbiological Society	3	Epigenetics of multiple non-concurrent viral infections in plants	13 May 2019 to 13 August 2019	Prof. Dr. Santiago F. Elena	Evolutionary Systems Virology Group, Dynamical Systems	3600



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								and Computational Virology CSIC-Centre de Recerca Matemàtica Associated Unit, Institute for Integrative Systems Biology (I2SYSBIO), University of Valencia, Valencia, Spain	
FEMS-GO-2018-205	Oksuz, Zehra	Turkey	Turkish Microbiological Society	3	The Role of microRNA Expression in Patient Hepatitis C Infection and Related Cirrhosis and Hepatocellular Carcinoma Treated with Direct Antiviral Agents	11 June 2019 to 07 September 2019	Dr. Anna Linda ZIGNEGO	Masve centre, University of Florence, Florence, Italy	3600
FEMS-GO-2018-206	Bagcioglu, Murat	Switzerland	Swiss Society for Microbiology	1	High resolution metabolic screening of <i>Bacillus cereus</i> group members	01 March 2019 to 30 March 2019	Prof. Monika Ehling-Schulz	Functional Microbiology, Department of Pathobiology, University of Veterinary Medicine Vienna, Vienna, Austria	1600
FEMS-GO-2018-208	DI SOMMA, ANGELA	Italy	Italian Society of Microbiology	3	Investigation on the mechanism of action of antimicrobial peptides from frog skin and insects on <i>Veillonella parvula</i>	04 May 2019 to 31 July 2019	Dr. Marco Rinaldo Oggioni	Department of Genetics and Genome Biology, University of Leicester, Leicester, UK	3400



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FEMS-GO-2018-211	Kajic, Sanja	Croatia	Croatian Microbiological Society	2 weeks	Characterization of soybean rhizobia isolated from different regions in Croatia	18 March 2019 to 1 April 2019	Dr. Kristina Lindstrom	Faculty of Biological and Environmental Sciences, University of Helsinki, Finland	1325
FEMS-GO-2018-212	Brdaric, Emilija	Serbia	Serbian Society for Microbiology	3	Characterization of the beneficial effect of EPS producing <i>Lactobacillus plantarum</i> BGAN8 on cadmium induced damage in intestinal cell lines	8 April 2019 to 28 June 2019	Dr Patricia Ruas - Madiedo	Dairy Research Institute of Asturias (IPLA), CSIC, Villaviciosa, Spain	3300
FEMS-GO-2018-213	Shashkova, Sviatlana	United Kingdom of Great Britain and Northern Ireland	Microbiology Society	3	Transcription regulation of the Mig1 repressor in yeast <i>Saccharomyces cerevisiae</i>	01 June 2019 to 31 August 2019	Dr Marija Cvijovic	Systems Biology Research group, Department of Mathematical Sciences, University of Gothenburg, Gothenburg, Sweden	3200
FEMS-GO-2018-214	Meiresonne, Nils	Netherlands	Royal Netherlands Society for Microbiology	6	Timing single cell bacterial protein-interactions by fluorescence lifetime microscopy	01 February 2019 to 01 August 2019	Prof. Dr. Mariana Gomes de Pinho	Bacterial Cell Biology, Institute of Chemical and Biological Technology António Xavier, Oeiras, Portugal	3200
FEMS-GO-2018-215	Yoba, Sylviane	United Kingdom of Great Britain and Northern Ireland	Microbiology Society	1	Molecular mechanism through which <i>Streptococcus gordonii</i> interacts with human vascular endothelial cells and how this contributes to the pathogenesis of infective endocarditis	13 May 2019 to 07 June 2019	Professor Steve Kerrigan	Royal College of Surgeons in Ireland, Dublin, Ireland	1600



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FEMS-GO-2018-218	Parkan, Ömür	Turkey	Turkish Microbiological Society	3	Human Cytomegalovirus genotype distribution in congenitally infected patients	01 March to 28 May 2019	Prof. Dr. Elisabeth Puchhammer-Stöckl	Center for Virology, Medical University of Vienna, Vienna, Austria	3000
FEMS-GO-2018-219	Val-Calvo, Jorge	Spain	Spanish Society for Microbiology	3	Role of toxin-antitoxin cassettes on conjugative elements and pathogenicity islands	01 May 2019 to 31 July 2019	Professor Jose R. Penades	Institute of Infection, Immunity & Inflammation, University of Glasgow, UK	3500
FEMS-GO-2018-221	Osuolale, Olayinka	Nigeria	Society for Applied Microbiology	2	Molecular identification of suspected Extended Spectrum Beta-Lactamases (ESBL) <i>Klebsiella</i> spp. and <i>E. coli</i> isolated from River Ona, Oyo State, Nigeria.	16 September 2019 to 21 November 2019	Dr Amara Anyogu	University of Westminster, London, UK	2600
FEMS-GO-2018-222	Gago Córdoba, César	Spain	Spanish Society for Microbiology	3	Sorting out the molecular basis responsible for enhanced levels of pLS20 conjugation in <i>Bacillus subtilis</i> .	01 April 2019 to 01 July 2019	Dr Jan Maarten van Dijl	Faculty of Medical Sciences Medical Microbiology (UMCG), Groningen, The Netherlands	3600
FEMS-GO-2018-223	Vind, Kristiina	Italy	Estonian Society for Microbiology	2	Integrating Metabolomics Data with Genomics for Novel Antimicrobials	01 June 2019 to 01 August 2019	Dr Jerry Wells	Wageningen University & Research, Wageningen, The Netherlands	3000
FEMS-GO-2018-224	Begmatov, Shahjahn	Russian Federation	Interregional Russian Microbiological Society	1	Metagenome analyze of microbial mats from the hypersaline Aral Sea	10 September 2019 to 09 October 2019	Dr. Rohit Ghai	Laboratory of Microbial Ecology and Evolution, Department of Aquatic Microbial Ecology, Institute of	2000



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								Hydrobiology, Biology Centre CAS, Ceske Budejovice, Czech Republic	
FEMS-GO- 2018-225	Vasylyshyn, Roksolana	Ukraine	Society of Microbiologists of Ukraine	3	Engineering of xylose transporters in the thermotolerant yeast <i>Ogataea polymorpha</i> for improvement of alcoholic fermentation	1 May 2019 to 31 July 2019	Dr Justyna Ruchala	University of Rzeszów, Department of Biotechnology and Microbiology, Rzeszów, Poland	2800
FEMS-GO- 2018-228	Kolarević, Stoimir	Serbia	Serbian Society for Microbiology	3	In vitro evaluation of genotoxic potential of the Danube River water samples in prokaryotic test system	01 October 2019 to 23 December 2019	Dr Bojana Žegura	National Institute of Biology, Department of Genetic Toxicology and Cancer Biology, Ljubljana, Slovenia	3000
FEMS-GO- 2018-230	Milivojevic, Dusan	Serbia	Serbian Society for Microbiology	3	Evaluation of 4- aminoquinolines-ZnOMgO nanocomposites activity against <i>Pseudomonas aeruginosa</i> biofilms in <i>in vitro</i> 3-D epithelial cell model system and artificial wound model	16 September 2019 to 13 December 2019	Prof. Dr. Tom Coenye	Laboratory of Pharmaceutical Microbiology, Faculty of Pharmaceutical Sciences, University of Ghent, Ghent, Belgium	3600
FEMS-GO- 2018-231	Bisschops, Mark	Netherlands	Royal Netherlands Society for Microbiology	1	Regulated cell death in anaerobic yeast	14 September to 13 October 2019	Dr Paula Ludovico	Life and Health Sciences Research Institute (ICVS) University of Minho, Braga, Portugal	1000
FEMS-GO- 2018-232	Kolenda, Camille	France	French Society for Microbiology	6	Molecular diagnosis of bone and joint infections directly from synovial fluid or tissue	01 May 2019 to 31 October 2019	Prof Derrick Crook/Sarah Hoosdally	University of Oxford - Team Modernising Medical	3400



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					samples by metagenomic sequencing			Microbiology, John Radcliffe Hospital, Oxford, UK	
FEMS-GO-2018-233	Nadtoka, Maksim	Russian Federation	Interregional Russian Microbiological Society	3	Experimental study of mobilization and horizontal transfer of magnetosome genes in magnetotactic bacteria (MTB)	15 May 2019 to 10 August 2019	Prof. Dr. Dirk Schüler	University of Bayreuth, Department of Microbiology, Bayreuth, Germany	3000
FEMS-GO-2019-001	Soghomonyan, Diana	Armenia	Armenian Microbiological Association	2	Comparative characteristics of metabolic properties of wine lactic acid bacteria at different pH and temperature levels for evaluating starter cultures	01 June 2019 to 31 July 2019	Prof Isabel Pardo	ENOLAB, ERI-ISIC BioTecMed/VIsoCa, University of València, Burjassot 46100, Valencia, Spain	2600
FEMS-GO-2019-489	Grimsey, George	United Kingdom of Great Britain and Northern Ireland	Microbiology Society	6	Coexistence of marine viruses and their phytoplankton hosts: Virus competition for hosts	16 September 2019 to 30 April 2020	Prof Corina Brussaard	NIOZ Royal Netherlands Institute for Sea Research, Den Hoorn, Texel, The Netherlands	2700
FEMS-GO-2019-492	Bendes, Ábris	Finland	Finnish Biochemical, Biophysical, and Microbiological Society	2	Mechanism of actin filament capping in Plasmodium	22 January 2020 to 25 March 2020	Dr Akihiro Narita	Structural Biology Research Center, Nagoya University, Nagoya, Japan	4000
FEMS-GO-2019-494	Pico Sanchez, Eva	Spain	Spanish Society for Microbiology	3	In vivo colonization of bladder tumors implanted in mice by engineered E. coli expressing a synthetic adhesin against PD-L1 and	04 September 2019 to 28 November 2019	Dr. Molly Ingersoll	Immunobiology of Dendritic Cells, Pasteur Institute, Paris, France	4000



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					study of the immune response				
FEMS-GO-2019-496	Dimkić, Ivica	Serbia	Serbian Society for Microbiology	3	Development of microbial inoculants, biofertilizers and biocontrol agents, based on crop-associated bacterial endophytes	01 October 2019 to 31 December 2019	Dr Vittorio Venturi	International Centre for Genetic Engineering and Biotechnology (ICGEB), Trieste, Italy	2800
FEMS-GO-2019-497	Veress, Alexandra	Hungary	Hungarian Society for Microbiology	2,5	Comparative networkomics of <i>Salmonella enterica</i> pathovars focusing on host adaptation	09 January 2020 to 15 March 2020	Dr Rob Kingsley	Quadram Institute Bioscience, Norwich, UK	3250
FEMS-GO-2019-498	Beck, Mario	Netherlands	Royal Netherlands Society for Microbiology	1,5	Establishing The Endonuclease FnCas12a (FnCpf1) in <i>Kluyveromyces marxianus</i> for Genome Editing	14 October 2019 to 29 November 2019	Dr John P. Morrissey	University College Cork/ Yeast Biotechnology, Cork, Ireland	2200
FEMS-GO-2019-499	Etter, Danai	Switzerland	Swiss Society for Microbiology	3	Expression of staphylococcal enterotoxin B under stresses relevant to food production on a single cell level	? new dates	Kostas Koutsoumanis	Aristotle University Thessaloniki, Thessaloniki, Greece	4000
FEMS-GO-2019-500	Martino, Roman	Argentina	Danish Microbiological Society	9,5	Dissecting c-di-GMP-signaling mechanisms involved in biofilm formation in <i>Pseudomonas aeruginosa</i> by deep genome engineering	13 January 2020 to 02 November 2020	Prof. Dr. Pablo Nikel	The Novo Nordisk Foundation Center for Biosustainability, Technical University of Denmark, Copenhagen, Denmark	6000
FEMS-GO-2019-501	Chichirau, Bianca	Austria	Austrian Association of Molecular Life	2,5	Role of CagA cleavage and phosphorylation in <i>Helicobacter pylori</i> induced pathogenesis	01 October 2019 to 11 December 2019	Richard M. Peek, Jr., M.D.	Vanderbilt University Medical Center, Division of Gastroenterology,	3700



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			Sciences and Biotechnology					Nashville, Tennessee, USA	
FEMS-GO-2019-502	Renátó, Kovács	Hungary	Hungarian Society for Microbiology	3	The in vitro effect of <i>Bacillus subtilis</i> on <i>Candida albicans</i> - <i>Pseudomonas aeruginosa</i> mixed species biofilms	01 March 2020 to 31 March 2020, 01 June 2020 to 30 July 2020	Ákos T. Kovács	DTU Bioengineering, Bacterial Interactions and Evolution Research Group, Technical University of Denmark, Lyngby, Denmark	4000
FEMS-GO-2019-503	Finn, Damien	Australia	Society for Applied Microbiology	2	MicroNiche: development of an R package for the calculation of microbial population niche metrics from Next-Generation amplicon sequencing data	17 October 2019 to 20 December 2019	Prof. Timothy Vogel	École Centrale de Lyon, Écully, France	3800
FEMS-GO-2019-504	Maslovska, Olga	Ukraine	Society of Microbiologists of Ukraine	3	Immobilization of cells of photosynthetic bacteria <i>Rhodospseudomonas yavorovii</i> and <i>Chlorobium limicola</i> for optimization of biologically valuable compounds production	05 November 2019 to 05 February 2020	Prof. Dr. Amir Fahmi	Materials Science Faculty Technology and Bionics Rhein-Waal University of Applied Sciences, Kleve, Germany	3000
FEMS-GO-2019-505	Van Den Bossche, Tim	Belgium	Belgian Society for Microbiology	2	Building a computational framework for sensitive and specific quantitative metaproteomics.	01 August 2020 to 01 October 2020	Dr. Thilo Muth	eScience division, BAM Institute, Berlin, Germany	4000
FEMS-GO-2019-506	Dziurzynski, Mikolaj	Poland	Polish Society of Microbiologists	1	Omics-based modelling of metabolic processes of Antarctic bacterium, <i>Pseudomonas haloplanktis</i>	05 January 2020 to 07 February 2020	Dr. Marco Fondi	University of Florence, Italy	1250



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					TAC125, in reponse to selected heavy metals.				
FEMS-GO-2019-507	Ladero, Iraia	Spain	Spanish Society for Microbiology	3	Cattle innate response against mycobacterial infections: neutrophil extracellular trap release and inflammasome complex formation in caspase-1 activation.	02 September 2019 to 03 December 2019	Dr. Dirk Werling	Molecular Immunology, Royal Veterinary College (RVC), Hertfordshire, UK	3400
FEMS-GO-2019-508	Rey Varela, Diego	Spain	Spanish Society for Microbiology	3	Phage therapy as a potential treatment against fish infections caused by <i>A. salmonicida</i>	23 September 2019 to 23 December 2019	Prof. Dr. Adelaide Almeida	University of Aveiro, CESAM, Aveiro, Portugal	2900
FEMS-GO-2019-509	Kurpejovic, Eldin	Turkey	Turkish Microbiological Society	2,5	Construction of a <i>Corynebacterium glutamicum</i> L-Tyrosine overproducer.	06 January 2020 to 13 March 2020	Prof. Dr. Volker F. Wendisch	Bielefeld University, Faculty of Biology and CeBiTec, Genetics of Prokaryotes Laboratory, Bielefeld, Germany	3800
FEMS-GO-2019-511	Silva, Sandra	Portugal	Portuguese Society of Microbiology	1	Hidden treasures - High throughput mining of secondary metabolite biosynthetic gene clusters across thousands of <i>Flavobacteriaceae</i> genomes	01 March 2020 to 21 March 2020	Dr. Ulisses Nunes da Rocha	Helmholtz Centre for Environmental Research, Leipzig, Germany	1400
FEMS-GO-2019-513	Burr, David	Germany	Association for General and Applied Microbiolog	TBC	In-situ monitoring of space radiation-induced DNA damage using genetically modified bacteria as biosensors.	TBC			2600



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FEMS-GO-2019-514	Fournès, Florian	France	French Society for Microbiology	TBC	Mechanism of replication initiation of the <i>Vibrio cholerae</i> secondary chromosome	TBC			3800
FEMS-GO-2019-515	OWOSEN, MOJISOLA	Nigeria	Society for Applied Microbiology	TBC	Rapid monitoring of microbial contamination in drinking water using low-cost paper-based device	TBC	Dr. Zhugen Yang	Cranfield University, UK	2500
FEMS-GO-2019-516	Babenko, Lidiia	Ukraine	Society of Microbiologists of Ukraine	TBC	Prospects of fecal microbiota transplantation and probiotics use for correction of metabolic disorders	TBC	Gianluca Ianiro, MD	Fondazione Policlinico Universitario Gemelli, Rome, Italy	3900