



FEMS Research Grantees 2017 (RTG2017-1 and RTG2017-2)

Over two rounds of applications, in 2017 FEMS awarded 53 Research and Training Grants (RTG) totalling EUR 157,700

Submission ID	Name	Society	Country of Residence	Duration	Title	Period	Supervisor and Host lab	Amount (EUR)
FEMS-RG-2016-0085	Ivan Nikolić	Serbian Society for Microbiology	Serbia	3	Characterizing genetic and pathogenic diversity of <i>Pseudomonas syringae</i> isolates from Serbia	01/04/2017 to 30/06/2017	Cindy Morris, Franche National Institute for Agricultural Research; Plant Pathology Research Unit (INRA-PACA) Avignon, France	3500

**BUILDING
COMMUNITIES**

Submission ID	Name	Society	Country of Residence	Duration	Title	Period	Supervisor and Host lab	Amount (EUR)
FEMS-RG-2016-0088	Mina Mandić	Serbian Society for Microbiology	Serbia	3	Purification and characterization of novel bacterial laccases in Pseudomonas strains as potential biocatalysts	01/03/2017 to 24/05/2017	Evangelos Topakas, National Technical University of Athens, School of Chemical Engineering, Biotechnology Laboratory, Athens, Greece	3600
FEMS-RG-2016-0089	Joep Joosten	Royal Netherlands Society for Microbiology	Netherlands	1	Target identification of Aedes aegypti PIWI interacting RNAs through CLASH (crosslinking, ligation and sequencing of hybrids)	25/09/2017 to 20/10/2017	Prof. Dr. David Tollervey, University of Edinburgh, UK	1500
FEMS-RG-2016-0090	Ana Tedim	Spanish Society for Microbiology (SEM)	Spain	3	The establishment of human intestinal organoids to model the pathophysiology of multi-drug-resistant Enterococcus faecium	01/03/2017 to 31/05/2017	Rob Willems, Associate Professor, Department of Medical Microbiology, University Medical Center Utrecht, The Netherlands	3500
FEMS-RG-2016-0094	Ružica Tomičić	Serbian Society for Microbiology	Serbia	1.5	Microbial survival on different wooden surfaces	12/06/2017 to 28/07/2017	Prof. dr Miha Humar, Department of Wood Science and Technology, Biotechnical Faculty, University of Ljubljana, Slovenia	1800

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FEMS-RG-2016-0097	Olha Demkiv	Society of Microbiologists of Ukraine	Ukraine	3	Construction of bioreactor for removing of the xenoestrogens and biosensor for their assay	01/04/2017 to 30/06/2017	Prof. Dr. Maciej Wnuk, Interfaculty Campus of Institute of Applied Biotechnology and Basic Sciences, Rzeszow University, Poland,	3000
FEMS-RG-2016-0098	Carla Perez Cruz	Spanish Society for Microbiology (SEM)	Spain	2	Sequencing and transfer of small RNAs from membrane vesicles of <i>Pseudomonas aeruginosa</i>	06/02/2017 to 23/03/2017	Dr. Udo Bläsi, Dept. of Microbiology, University of Vienna, Austria	2800
FEMS-RG-2016-0100	Kiril Mihajlov	Macedonian Microbiological Society	Macedonia (the former Yugoslav Republic of)	2	<i>Clostridium difficile</i> Strains Associated with Nosocomial Infections	27/02/2017 to 30/04/2017	Prof Dr Maja Rupnik, National laboratory for health, environment and food, Maribor, Slovenia	2200
FEMS-RG-2016-0103	Francesca Bottacini	Italian Society of Microbiology	Ireland	3	Comparative metagenomics of bifidobacteria within the infant gut microbiota	06/03/2017 to 26/05/2017	Prof. Marco Ventura, Laboratory of Probiogenomics, Parco Area delle Scienze, Parma, Italy	3000
FEMS-RG-2016-0104	Arevik Vardanyan	Armenian Microbiological Association	Armenia	2	Increasing efficiency of mesophilic bacteria during bioleaching of metals from secondary resources	25/04/2017 to 25/06/2017	Dr. Stoyan Gaydardzhiev, Mineral Processing and Recycling Unit, University of Liege, Belgium	2000
FEMS-RG-2016-0105	Kristin Schulz-Bohm	Royal Netherlands Society for Microbiology	Netherlands	3	Attraction of Beneficial Soil Bacteria through Cultivar-specific Secondary Plant Metabolites	21/05/2018 to ?	Dr. Silke Ruppe, Leibniz-Institute for Vegetable and Ornamental Crops, Germany	3500

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FEMS-RG-2016-0108	Mahasweta Saha	British Phycological Society	United Kingdom of Great Britain and Northern Ireland	1	"Characterizing the volatile metabolome of seaweed-bacteria interactions	?	DR. Thomas Wichard, Institut für Anorganische und Analytische Chemie, Friedrich-Schiller-Universität Jena, Germany	1500
FEMS-RG-2016-0109	Kateryna Tkachenko	Society of Microbiologists of Ukraine	Ukraine	3	Yeast-bacterial interactions: Effects of yeasts on the growth and behaviour of Pseudomonas bacteria	01/05/2017 to 01/08/2017	Dr Andrew Spiers, School of Science, Engineering and Technology Abertay University, Dundee, UK	3500
FEMS-RG-2016-0112	Nurzhan Kuanyshhev	Society for General Microbiology	Italy	2	Proposed role of the plasma membrane transporter Pdr12p in the Kluyveromyces marxianus weak acid response	25/06/2017 to 25/08/2017	John Morrissey, School of Microbiology, University College Cork, Ireland	2500
FEMS-RG-2016-0117	Michaela Vrbová	Czech Rep & Slovakia - Czechoslovak Society for Microbiology	Slovakia	3	Analysis of herpes simplex virus 1 miRNA biogenesis and the dynamic changes in miRNA expression after reactivation in cells latently infected with MHV-68 induced with hypoxia	13/03/2017 to 13/06/2017	Assistant professor Igor Jurak, Laboratory for Molecular virology, Department of biotechnology, University of Rijeka , Croatia	3000

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FEMS-RG-2016-0118	Goran Vukotic	Serbian Society for Microbiology	Serbia	3	Characterization of bacteriophages active against nosocomial multidrug-resistant strains of Klebsiella, Acinetobacter, Escherichia AND Pseudomonas sp., isolated from Belgrade wastewaters	20/03/2017 to 16/06/2017	Olivia McAuliffe, PhD, olivia.mcauliffe@teagasc.ie, Cultures, Fermentation and Biotransformation,	3600
FEMS-RG-2016-0119	Pasquale Filannino	Italian Society of Agro-Food and Environmental Microbiology	Italy	1	Metabolism of phenolics by lactic acid bacteria: a comprehensive snapshot through transcriptomic, phenomic and metabolomic approaches	09/03/2017 to 15/04/2017	Prof. Dr. Sascha Rohn, Institute of Food Chemistry, Hamburg School of Food Science, University of Hamburg, Germany	1600
FEMS-RG-2016-0120	Inmaculada Ferriol-Safont	Spanish Society for Virology (SEV)	Spain	3	Study of the torradovirus RNA2-ORF1 functional domains and its interactions with plant host proteins	16/06/2017 to 15/09/2017	Dr. Massimo Turina, Istituto per la Protezione Sostenibile delle Piante, Laboratory of Dr. Massimo Turina, Torino, Italy	3600
FEMS-RG-2016-0121	Zsófia Csáky	Czech Rep & Slovakia - Czechoslovak Society for Microbiology	Slovakia	2	Lipid droplets in squalene accumulating yeast cells	01/10/2017 to 15/11/2017	Prof. Dr. Roger Schneider, Department of Biology, University of Fribourg, Switzerland	2800

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FEMS-RG-2016-0122	Marcos Quintela Baluja	United Kingdom - Society for Applied Microbiology	United Kingdom of Great Britain and Northern Ireland	3	Antibiotic Resistance Genes Dissemination through Phage-Bacteria Ecological Network Pathways	01/06/2017 to 31/08/2017	Professor Andres Moya, Genomics and Health Area, FISABIO Foundation, Valencia, Spain	3600
FEMS-RG-2016-0123	José David Flores-Félix	Spanish Society for Microbiology (SEM)	Spain	1	Implication of cellulose and cellulase in Quorum sensing of Rhizobium	18/01/2017 to 22/02/2017	Dr. Andrea Squartini, Dipartimento Di Agronomia Animali Alimenti Risorse Naturali E Ambiente, Legnaro, Italy	1500
FEMS-RG-2016-0126	Eulàlia Sans	Spanish Society for Microbiology (SEM)	Spain	2.5	"Permeability of small molecules across toxins secreted by <i>Bacillus</i> spp.:"	29/06/2017 to 29/09/2017	Prof.Dr. Mathias Winterhalter, Biophysical Chemistry Lab, Jacobs University Bremen, Germany	3200
FEMS-RG-2016-0130	Conall Holohan	United Kingdom - Society for General Microbiology	Ireland	3	Uncovering the microbiology and the kinetics underpinning the anaerobic digestion of lipids.	17/04/2017 to 14/07/2017	Dr. Diana Sousa, Laboratory of Microbiology, Wageningen, the Netherlands	3600

FEMS Research and Training Grant (RTG2017-2)								
Submission ID	Name	Society	Country of Residence	Duration	Title	Period	Supervisor and Host lab	Amount (EUR)
FEMS-RG-2017-0046	Antonija Trontel	Croatian Microbiological Society	Croatia	3	Efficient conversion of lignocellulose-based substrate by Dekkera and other yeasts	04/09/2017 To 04/12/2017	Professor Hrvoje Petković, Laboratory of Biotechnology, Microbiology and Food Safety, Ljubljana, Slovenia	2600
FEMS-RG-2017-0047	Antonio Zurita Carrasco	Spanish Society for Microbiology	Spain	3	Molecular proteomics (MALDITOF/MS) approach for the detection of flea borne pathogens.	29/08/2017 to 26/11/2017	Professor Philippe URMITE, University Hospital Institute Méditerranée Infection, Faculté de Médecine de Marseille, France	3000
FEMS-RG-2017-0048	María J. Torres	Spanish Society for Microbiology	Spain	3	New insights in the NifA control of Bradyrhizobium diazoefficiens denitrification genes	16/10/2017 to 14/12/2017	Dr. Andrew Gates, School of Biological Sciences at University of East Anglia, Norwich, UK	3500
FEMS-RG-2017-0049	Brankica Filipic	Serbian Society for Microbiology	Serbia	2.5	Mining metagenome data from Western Balkans glacial lakes sediments	01/10/2017 to 17/12/2017	David J. Studholme, College of Life and Environmental Sciences, University of Exeter, Exeter, UK	3000

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Submission ID	Name	Society	Country of Residence	Duration	Title	Period	Supervisor and Host lab	Amount (EUR)
FEMS-RG-2017-0050	Ani Paloyan	Armenian Microbiological Association	Armenia	3	Development of an method for the dection of MCR-1 colistin-resistance in Gram-negative bacteria	20/11/2017 to 16/02/2018	Professor Roberto Marcello La Ragione, Department of Pathology and Infectious Diseases, Guildford,UK	3500
FEMS-RG-2017-0051	Stanislava Králová	Czechoslovak Society for Microbiology	Slovakia	3	Phylogenetic and biochemical classification of soil bacteria	01/01/2018 to 31/03/2018	Mark R. Liles, Auburn University, Department of Biological Sciences, Alabama, USA	4000
FEMS-RG-2017-0052	Alice Checcucci	Italian Society of General Microbiology and Microbial Biotechnologies	Italy	3	TIMInG (Transplantation in Multipartite Genome)	22/01/2018 to 23/04/2018	Emanuele Biondi, LCB CNRS-Aix-Marseille University, Marseille, France	3500
FEMS-RG-2017-0053	Maria Isabell Löffler	Association for General and Applied Microbiology	Germany	1.5	DsrL an iron-sulfur flavoprotein essential for dissimilatory sulfur oxidation in <i>A. vinosum</i>	04/Sep/2017 to 18/10/2017	Dr. Sofia Venceslau, ITQB NOVA: Bacterial Energy Metabolism - Inês Cardoso Pereira Lab, Oeiras, Portugal	2000

FEMS Research and Training Grant (RTG2017-2)								
Submission ID	Name	Society	Country of Residence	Duration	Title	Period	Supervisor and Host lab	Amount (EUR)
FEMS-RG-2017-0054	Marivic Carnacete Martin	Association for General and Applied Microbiology	Germany	3	Monitoring phenotypic heterogeneity and population dynamics during biofilm development	15/09/2017 to 15/12/2017 (postponed to 8/12/2018 to 8/04/2018)	Lars Jelsbak, Infection Microbiology Dept of Biotechnology and Biomedicine, Lyngby, Denmark	3600
FEMS-RG-2017-0057	Diana Gutiérrez	Spanish Society for Microbiology	Spain	2	Artilycation to improve antibacterial activity of phage lytic proteins against Staphylococcus aureus	01/10/2017 to 30/Nov/2017 (postponed to 01/02/2018 to 31/03/2018)	Professor Yves Briers, Laboratory of Applied Biotechnology, Department of Applied Biosciences, Faculty of Bioscience Engineering, Ghent University, Belgium	2800
FEMS-RG-2017-0058	Mateja Ozanic	Croatian Microbiological Society	Croatia	1	Training in Transmission Electron Microscopy	01/10/2017 to 31/10/2017	Vlada Philimonenko, Microscopy Centre, Institute of Molecular Genetics, Vídeňská, Prague, Czech Republic	1400
FEMS-RG-2017-0059	Anabela Borges	Portuguese Society of Microbiology	Portugal	3	In silico studies of new quorum-quenching compounds to combat	02/10/2017 to	Prof. Simona Distinto, Computer Aided Drug Design	3000

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Submission ID	Name	Society	Country of Residence	Duration	Title	Period	Supervisor and Host lab	Amount (EUR)
					Pseudomonas aeruginosa infections	22/12/2017	Group, Department of Life and Environmental Sciences, University of Cagliari, Italy	
FEMS-RG-2017-0060	Anastasia Panagiotis Galanopoulos	Society of Mikrobiokosmos	Greece	3	The role of thermophilic microorganisms in plant biomass degradation in a C-rich thermal site	15/01/2018 to 15/04/2018	Prof. Dr. Michael Schloter, Research Unit for Comparative Microbiome Analysis at the Helmholtz Zentrum München, Germany	3500
FEMS-RG-2017-0062	Wenshi Wang	Royal Netherlands Society for Microbiology	the Netherlands	3	Mapping the dynamic influences of gut microbiome on enteric virus infection	10/09/2017 to 10/12/2017	Omry Koren, Koren Lab, Faculty of Medicine, Bar-Ilan University, Israel	3800
FEMS-RG-2017-0063	Patrick Rühl	Association for General and Applied Microbiology	Germany	3	Reaction Mechanisms of Sulfur Oxygenases	09/10/2017 to 09/01/2018	Dr. Carlos Frazão, Instituto de Tecnologia Química e Biológica (ITQB NOVA), Portugal	3500
FEMS-RG-2017-0064	Priscilla Carrillo-Barragan	Society for Applied Microbiology	UK	3	Modelling the metabolic interactions within an ethanol producing	02/10/2017 to	Dr. Aleksej Zelezniak. Division of Systems and	3600

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Submission ID	Name	Society	Country of Residence	Duration	Title	Period	Supervisor and Host lab	Amount (EUR)
					bacterial community degrading OMSW	30/12/2017 (postponed to 27/10/2017 to 27/01/2018)	Synthetic Biology, Chalmers University of Technology, Gothenburg, Sweden	
FEMS-RG-2017-0065	Filomena Perrone	Italian Society of Microbiology	Italy	2.5	Study of a TetR-like protein of Mycobacterium tuberculosis: isolation of a Δ Rv1685c mutant strain	15/09/2017 to 01/12/2017	Dr. Simon J. Waddell, Brighton and Sussex Medical School, Brighton, United Kingdom	3000
FEMS-RG-2017-0066	Jennifer Otero Carrera	Spanish Society for Microbiology	Spain	3	Application of different genetic methodologies for manipulating bacteriophages against Pseudomonas aeruginosa	01/01/2018 to 31/03/2018	Joana Azeredo, Biofilms Laboratory, Center of Biological Engineering, University of Minho, Braga, Portugal	2700
FEMS-RG-2017-0067	Antonio Castellano-Hinojosa	Spanish Society for Microbiology	Spain	3	Effect of nitrogen fertilizers on fungal denitrifiers communities and their N ₂ O emissions	02/04/2018 to 02/08/2018	Dr. Laura Cardenas, Rothamsted Research, North Wyke Department, Devon, UK	2000
FEMS-RG-2017-0068	Fatma Gizem Avci	Turkish Microbiological Society	Turkey	3	Characterization of the Putative Multidrug ABC Transporter Lmo2745 from Listeria monocytogenes	18/12/2017 to 11/03/2018	Dr. Jean-Michel Jault MMSB (CNRS-Lyon), CNRS-	3800

FEMS Research and Training Grant (RTG2017-2)								
Submission ID	Name	Society	Country of Residence	Duration	Title	Period	Supervisor and Host lab	Amount (EUR)
							Universite, Lyon, France	
FEMS-RG-2017-0069	Liubov Prokudina	Interregional Russian Microbiological Society	Russia	3	Improvement of acetone, butanol and ethanol production from lignocellulose materials by clostridia	01/10/2017 to 28/12/2017 (postponed to 08/01/2018 to 08/04/2018)	Prof. Dr. Hubert Bahl, Institut für Biowissenschaften Mikrobiologie, Universität Rostock, Rostock , Germany	3500
FEMS-RG-2017-0070	Laura GARCIA DESCALZO	Spain	Spain	1.5	Biomarkers and fossilization in Microbiology	25/09/2017 to 10/11/2017	Dra. Frances Westall, Exobiology Group at Centre de Biophysique Moléculaire (CBM), Centre national de la recherche scientifique (CNRS), Orleans, France	2000
FEMS-RG-2017-0071	Anne Richter		Germany	3	Identifying natural products produced by A. nidulans inhibiting growth of B. subtilis	18/09/2017 to 17/12/2017 (postponed to 8/1/2018 To 8/04/2018)	Uffe Mortensen, Department of Biotechnology and Biomedicine, Technical University of Denmark, Lyngby, Denmark	3800

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Submission ID	Name	Society	Country of Residence	Duration	Title	Period	Supervisor and Host lab	Amount (EUR)
FEMS-RG-2017-0072	Bilal Olcay Peker		Turkey	3	Torque Teno Virus DNA investigation for virologic marker in pediatric HSCT patients	01/10/2017 to 30/12/2017	Elisabeth Puchhammer-Stöckl, Medical University of Vienna Centre of Virology, Vienna, Austria	3600
FEMS-RG-2017-0073	Stephen Kevin Dolan		UK	1	A Clash of Kingdoms: Elucidating the genetic basis of Pseudomonas aeruginosa-Aspergillus fumigatus mixed biofilms	06/11/2017 to 10/12/2017	Professor Marvin Whiteley, Department of Molecular Biosciences, The University of Texas at Austin, Austin, United States	2000
FEMS-RG-2017-0074	Stępień		Poland	3	A comparison study on single- and multispecies biofilm formation on polymeric biomaterial	01/10/2017 to 22/12/2017	Professor Eoin Casey,	3600