

Contents Volume 17 - 2014

- Aguilera A** → González-Toril E
ALLEA Working Group → ALLEA Statement on Enhancement of Open Access to Scientific Publications in Europe, 247
 doi:10.2436/20.1501.01.227
- Alippi AM** → Tetracycline-resistance encoding plasmids from different *Paenibacillus larvae*, the causal agent of american foulbrood disease, isolated from commercial honeys, 49
- Álvarez JR** → López-García MT
Amils R → González-Toril E
Aragon V → Manrique-Ramírez P
Ariza-Miguel J → Molecular epidemiology of methicillin-resistant *Staphylococcus aureus* in a university hospital in northwestern Spain, 149
 doi:10.2436/20.1501.01.217
- Artieda O** → Cámara B
Ascaso C → Cámara B
- Badosa E** → Bonaterra A
Baixeras J → Carrasco P
Bañeras L → Ramió-Pujol S
Barbé J → Spricigo DA
Barrio E → Pérez-Través L
Becerra A → A phylogenetic approach to the early evolution of autotrophy: the case of the reverse TCA and the reductive acetyl-CoA pathways, 91
 doi:10.2436/20.1501.01.211
- Bengoechea JA** → Spricigo DA
Berlanga M → Biofilm formation on polystyrene in detached vs. planktonic cells of polyhydroxyalkanoate-accumulating *Halomonas venusta*, 205
 doi:10.2436/20.1501.01.223
- Bevilacqua N** → Rizzo A
Biffi S → Chiellini C
Bonaterra A → Phenotypic comparison of clinical and plant-beneficial strains of *Pantoea agglomerans*, 81
 doi:10.2436/20.1501.01.210
- Borrull A** → López-Martínez G
Buommino E → Rizzo A
- Cámara B** → Ignimbrite textural properties as determinants of endolithic colonization patterns from hyper-arid Atacama Desert, 235
 doi:10.2436/20.1501.01.226
- Carrasco P** → Succession of the gut microbiota in the cockroach *Blattella germanica*, 99
 doi:10.2436/20.1501.01.212
- Carratelli CR** → Rizzo A
Castro JA → Matas M
- Castro N** → A multiplex PCR for the simultaneous detection of *Tenacibaculum maritimum* and *Edwardsiella tarda* in aquaculture, 111
 doi:10.2436/20.1501.01.213
- Chaillou S** → Lhomme E
Champomier-Vergès MC → Lhomme E
Chiellini C → Endophytic and rhizospheric bacterial communities isolated from the medicinal plants *Echinacea purpurea* and *Echinacea angustifolia*, 165
 doi:10.2436/20.1501.01.219
- Chiron H** → Lhomme E
Cifuentes C → Matas M
Colprim J → Ramió-Pujol S
Cordero-Otero R → López-Martínez G
Cortés P → Spricigo DA
Crognale S → Luziatelli F
- D'Annibale A** → Luziatelli F
de Araújo DAM → Padilha IQM
De Filippis A → Rizzo A
de los Ríos A → Cámara B
Diaz P → Padilha IQM
Domènech Ò → Berlanga M
Doussat X → Lhomme E
Ducasse MB → Lhomme E
Duffy B → Bonaterra A
- Emiliani G** → Chiellini C
Esteban GF → Yeates AM
- Fabiani A** → Chiellini C
Fani R → Chiellini C
Fernández-Natal I → Ariza-Miguel J
Firenzuoli F → Chiellini C
- Gallo E** → Chiellini C
Galofré-Milà N → Manrique-Ramírez P
Ganigué R → Ramió-Pujol S
García-Ferris C → Becerra A
García-Moyano A → González-Toril E
González-Candelas → Matas M
González-Toril E → Comparative microbial ecology of the water column of an extreme acidic pit lake, Nuestra Señora del Carmen, and the Río Tinto basin (Iberian Pyrite Belt), 225
 doi:10.2436/20.1501.01.225
- Gori L** → Chiellini C
Grisi TCSL → Padilha IQM
Guerrero R → Berlanga M
- Hernández M** → Ariza-Miguel J
Homar → Matas M
- Kolter R** → Romero D
- Latorre A** → Carrasco P
Lazcano A → Becerra A
León IE → Alippi AM
Lhomme E → A polyphasic approach to study the dynamics of microbial population of an organic wheat sourdough during its conversion to gluten-free sourdough, 1
 doi:10.2436/20.1501.01.202
- Llagostera M** → Spricigo DA
Lopes CA → Pérez-Través L
López AC → Alippi AM
López-García MT → Cell immobilization of *Streptomyces coelicolor*: effect on differentiation and actinorhodin production, 75
 doi:10.2436/20.1501.01.209
- López-Martínez G** → Metabolomic characterization of yeast cells after dehydration stress, 131
 doi:10.2436/20.1501.01.215
- López-Labrador FX** → Matas M
López-Pamo E → González-Toril E
Luziatelli F → Screening, isolation, and characterization of glycosyl-hydrolase-producing fungi from desert halophyte plants, 41
 doi:10.2436/20.1501.01.206
- Magariños B** → Castro N
Maggini V → Chiellini C
Maida I → Chiellini C
Manrique-Ramírez P → Identification of a class B acid phosphatase in *Haemophilus parasuis*, 141
 doi:10.2436/20.1501.01.216
- Manteca Á** → López-García MT
Matas M → Relating the outcome of HCV infection and different host SNP polymorphisms in a Majorcan population coinfecting with HCV-HIV and treated with pegIFN-RBV, 11
 doi:10.2436/20.1501.01.203
- Mengoni A** → Chiellini C
Mezaize S → Lhomme E
Mocali S → Chiellini C
Montesinos → Bonaterra A
Moragues MD → Sáez-Rosón A
Moranta D → Spricigo DA
Moresi M → Luziatelli F
Moya A → Carrasco P
Moya A → Matas M
- Nealson KH** → Cámara B

Onno B → Lhomme E

Padilha IQM → A glucuronoxylan-specific xylanase from a new *Paenibacillus favisporus* strain isolated from tropical soil of Brazil, 175
doi:10.2436/20.1501.01.220

Pastor FIJ → Padilha IQM

Payeras A → Matas M

Peretó J → Becerra A

Pérez-Cobas AE → Carrasco P

Pérez-Través L → Stabilization process in *Saccharomyces* intra- and interspecific hybrids in fermentative conditions, 213
doi:10.2436/20.1501.01.224

Petruccioli M → Luziatelli F

Picornell A → Matas M

Poblet M → López-Martínez G

Querol A → Pérez-Través L

Ramió-Pujol S → Impact of formate on growth and productivity of *Clostridium ljungdahlii* PETC and *Clostridium carboxidivorans* P7 grown on syngas, 195
doi:10.2436/20.1501.01.222

Ramon C → Matas M

Rezzonico F → Bonaterra A

Rioseras B → López-García MT

Rivas M → Becerra A

Rizzo A → Transforming activities of *Chlamydia pneumoniae* in human mesothelial cells, 185
doi:10.2436/20.1501.01.221

Rodríguez-Lázaro D → Ariza-Miguel J

Romero D → Functional amyloids in bacteria, 65
Doi:10.2436/20.1501.01.208

Rozès N → López-Martínez G

Ruzzi M → Luziatelli F

Sáez-Rosón A → Identification of superficial *Candida albicans* germ tube antigens in a rabbit model of disseminated candidiasis. A proteomic approach, 21
Doi:10.2436/20.1501.01.204

Santofimia E → González-Toril E

Serrano M → Manrique-Ramírez P

Sevilla MJ → Sáez-Rosón A

Spricigo DA → Significance of *tagI* and *mfd* genes in the virulence of non-typeable *Haemophilus influenzae*, 159
doi:10.2436/20.1501.01.218

Suzuki S → Cámara B

Toranzo AE → Castro N

Tufano MA → Rizzo A

Valenzuela SV → Padilha IQM

van de Pol C → Carrasco P

Vannacci A → Chiellini C

Wierzechos J → Cámara B

Yagüe P → López-García MT

Yeates AM → Local ciliate communities associated with aquatic macrophytes, 31
doi:10.2436/20.1501.01.205

Zagorec M → Lhomme E

Authors Index - 2014

- A**guilera A → 225
Alippi AM → 49
Álvarez JR → 75
Amils R → 225
Aragon V → 141
Ariza-Miguel J → 149
Artieda O → 235
Ascaso C → 235
- B**adosa E → 81
Baixeras J → 99
Bañeras L → 195
Barbé J → 159
Barrio E → 213
Becerra A → 91
Bengoechea JA → 159
Berlanga M → 205
Bevilacqua N → 185
Biffi S → 165
Bonaterra A → 81
Borrull A → 131
Buommino E → 185
- C**ámara B → 235
Carrasco P → 99
Carratelli CR → 185
Castro JA → 11
Castro N → 111
Chaillou S → 1
Champomier-Vergès MC → 1
Chiellini C → 165
Chiron H → 1
Cifuentes C → 11
Colprim J → 195
Cordero-Otero R → 131
Cortés P → 159
Crognale S → 41
- D**'Annibale A → 41
de Araújo DAM → 175
de Filippis A → 185
de los Ríos A → 235
Diaz P → 175
Domènech Ò → 205
Dousset X → 1
Ducasse MB → 1
Duffy B → 81
- E**miliani G → 165
Esteban GF → 31
- Fabiani A → 165
Fani R → 165
Fernández-Natal I → 149
Firenzuoli F → 165
- G**allo E → 165
Galofré-Milà N → 141
Ganigué R → 195
García-Ferris C → 91
García-Moyano A → 225
González-Candelas F → 11
González-Toril E → 225
Gori L → 165
Grisi TCSL → 175
Guerrero R → 205
- H**ernández M → 149
Homar F → 11
- K**olter R → 65
- L**atorre A → 99
Lazcano A → 91
León IE → 49
Lhomme E → 1
Llagostera M → 159
Lopes CA → 213
López AC → 49
López-García MT → 75
López-Labrador FX → 11
López-Martínez G → 131
López-Pamo E → 225
Luziatelli F → 41
- M**agariños B → 111
Maggini V → 165
Maida I → 165
Manrique-Ramírez P → 141
Manteca A → 75
Matas M → 11
Mengoni A → 165
Mezaize S → 1
Mocali S → 165
Montesinos E → 81
Moragues MD → 21
Moranta D → 159
Moresi M → 41
Moya A → 11
Moya A → 99
Nealson NH → 235
- O**nno B → 1
- P**adilha IQM → 175
Payeras A → 11
Peretó J → 91
Pérez-Cobas AE → 99
Pérez-Través L → 213
Petruccioli M → 41
Picornell A → 11
Poblet M → 131
- Q**uerol A → 213
- R**amió-Pujol S → 195
Ramon C → 11
Rezzonico F → 81
Rioseras B → 75
Rivas M → 91
Rizzo A → 185
Rodríguez-Lázaro D → 149
Romero D → 65
Rozès N → 131
Ruzzi M → 41
- S**áez-Rosón A → 21
Santofimia E → 225
Serrano M → 141
Sevilla MJ → 21
Spricigo DA → 159
Suzuki S → 235
- T**oranzo AE → 111
Tufano MA → 185
- V**alenzuela SV → 175
van de Pol C → 99
Vannacci A → 165
- W**ierzchos J → 235
- Y**agüe P → 75
Yeates AM → 31
- Z**agorec M → 1

Keywords Index - 2014

16S rRNA gene 99

Acidic pit lakes 225

Acidophilic microorganisms 225
Adhesion on polystyrene 205
Alginate beads 205
Alkylating agents 159
American foulbrood disease (AFB) 49
Ames test 81
Amylase activity 41
Anthrax 119
Antibiotics 75
Aquaculture 111
Atacama desert 235
Autotrophic pathways 91

Bacillus subtilis 65

Bacterial biofilms 65
Bactericidal index 17(4)
Biocontrol 81
Biofilms 31
Biofuels 195
Biosafety 81
Blattella germanica 99

Caenorhabditis elegans 21

Candida 1
Candida albicans 11
Cell death 75
Cell surface physicochemical characteristics 205
Cellular transformation 185
Cellulase activity 41
Chlamydia pneumoniae 185
Chroococcidiopsis 235
Ciliates 31
Clonal population 149
Clostridium carboxidivorans 195
Clostridium ljungdhalii 195
Cockroach gut microbiota 99
Cytotoxicity 185

Dehydration stress 131

Differentiation 75
DNA content evaluation 213

Echinacea angustifolia 165

Echinacea purpurea 165
Ecological succession 99
Edwardsiella tarda 111
Encapsulation 75
Endoliths 235
Endophytes 165
Endosymbionts 99
Erwinia amylovora 81

Extracellular matrix 65

Fish pathology 111

Formate 195

Genes *tagI* and *mfd* 159

Germ tube antibodies 21
Glässer's disease 141
Gluten-free food 1
Glycosyl hydrolases GH30 175

Haemophilus influenzae 159

Haemophilus parasuis 141
HCV-HIV co-infection 11
Halomonas venusta MAT-28 205
Hemolytic activity 81
Honeybees 49
Human mesothelial cells 185
Hydrophobicity 17(4)

Iberian Pyrite Belt 225

Ignimbrite 235
Invasive candidiasis 21
Iron cycle 225

Lactic acid bacteria 1

Lactobacillus spp 1
Last common ancestor (LCA-LUCA) 91
Lewis acid-base properties 17(4)

Macrophytes 31

Medicinal plants 165
Meloidogyne javanica 81
Metabolite extraction 131
Methicillin-resistant *Staphylococcus aureus* (MRSA) 149
Microbial biodiversity 31
Molecular epidemiology 149
Molecular markers 213
mtDNA halogroups 11
Multilocus sequence typing 149
Multiplex PCR 111

Nasturtium 31

Naumovia castellii 131
Non-specific acid phosphatases 141

Open Access 247

Organic 1
Origin of life 91

Paenibacillus favisporus 175

Paenibacillus larvae 49

Pantoea agglomerans 81

Penicillium expansum 81

PHA 205

Phosphatase activity 141
Plasmids 49

Rabbit model 21

Ranunculus 31
Rare-mating in yeast 213
Reverse Krebs cycle 91
Rhizosphere 165
Rio Tinto 225
Rock porosity 235

Saccharomyces 1

Saccharomyces cerevisiae 131, 213
Saccharomyces kudriavzevii 213
Saccharomyces mikatae 131
Schizophyllum commune 41
SNP polymorphisms 11
Sourdough 1
Stabilization of genomes 213
Streptomyces coelicolor 75
Susceptibility to antibiotics 17(4)
Syngas fermentation 195

Tamarix ssp 41

TasA amyloid-like fibers 65
Tenacibaculum maritimum 111
Tetracycline resistance 49
Toxicity 81
Toxin phenethyl isothiocyanate (PEITC) 31
Tumoral markers 185

Viability 131

Virulence 159
Volcanic rock 235

Wild yeast 131

Wood-Ljungdahl pathway 91

Xylanase 175

Yeast 1

List of reviewers - 2014

The editorial staff of INTERNATIONAL MICROBIOLOGY thanks the following persons for their invaluable assistance in reviewing manuscripts from January through December 2014. The names of several reviewers have been omitted at their request.

Aguirre García, Juan. Univer. of Prince Edward Island, Charlottetown, Canada
Amils, Ricardo. Autonomous University of Madrid, Madrid, Spain
Antón, Josefa. Alicante, University Alicante, Spain
Ayala, Juan. Autonomous University of Madrid, Madrid, Spain
Balboa, Sabela. Sheffield University, Sheffield, UK
Barberan, Albert. University of Colorado, Boulder, CO, USA
Barea, José Miguel. Experimental Station El Zaidín-CSIC, Granada, Spain
Beaz, Roxana. University Rovira Virgili, Reus, Spain
Bely, Peter. Slovak Academy of Sciences, Bratislava, Slovakia
Berlanga, Mercedes. University of Barcelona, Barcelona, Spain
Bonaterra, Anna. University of Girona, Girona, Spain
Boschia, Donato. Institute Sustainable Plant Protection, CNR, Torino, Italy,
Bou, German. Institute for Biomedical Research, A Coruña, Spain
Burgos, William D. The Pennsylvania State University, Univer. Park, PA, USA
Campoy, Sussana. Autonomous University of Barcelona, Bellaterra, Spain
Cantoral, Jesús Manuel. University of Cadiz, Cádiz, Spain
Casadesús, Josep. University of Sevilla, Sevilla, Spain
Chen, Ding. UT Southwestern Medical Center, Dallas, TX, USA
Claus, Harald. Johannes Gutenberg-University of Mainz, Mainz, Germany
Compant, Stéphane. Austrian Institute of Technology GmbH, Tull, Austria
Cubero, Jaime. INIA Plant Protection, Madrid, Spain
De la Torre, M. Angeles. University of Lleida Lleida, Spain
del Campo, Javier. University of British Columbia, Vancouver, Canada
Díaz, Ramón. University of Navarra, Pamplona, Spain
Edwards, François. Centre for Ecology and Hydrology, Wallingford, UK
Engel, Philipp. University of Lausanne, Lausanne, Switzerland
Espinosa, Manuel. Center of Biological Research, CSIC, Madrid, Spain
Eulogio, Valentín. University of Valencia, Valencia, Spain
Fromm, Hill. University of Tel Aviv, Tel Aviv, Israel
García del Portillo, Francisco. Spanish Center for Biotechnol., Madrid, Spain
Garmendia, Juncal. University of Navarra, Pamplona, Spain
Giraldo, Rafael. Center for Biological Research, CSIC, Madrid, Spain
Goldman, Aaron. Oberlin College Oberlin, OH, USA
Gonzalez-Zorn, Bruno. University of Madrid, Madrid, Spain
Gottschalk, Marcelo. University of Montreal, Montreal, Canada
Guarner, Francisco. Vall d'Hebron Institute of Research, Barcelona, Spain
Guarro, Josep. University Rovira Virgili, Reus, Spain
Heiss-Blanquet, Senta. IFP New Energies, Rueil-Malmaison, France
Herrero, Enric. University of Lleida, Lleida, Spain
Imperial, Juan. Technical University of Madrid, Madrid, Spain
Köpke, Michael. Lanza Tech, Inc. Auckland, New Zealand
Liras, Paloma. University of Leon, Leon, Spain
López Calderón, Isabel. University of Sevilla, Sevilla, Spain
Maberly, Stephen. Lancaster Environment Centre, Lancaster, UK
McGlynn, Shawn. California Institute of Technology, Pasadena, CA, USA
McPhillips, Katrina. Limerick Inst. of Techn., Appl. Sc., Limerick, Ireland
Miller, Ana. Instituto de Recursos Naturales y Agroecología, Sevilla, Spain
Mingorance, Jesús. Hospital Universitario La Paz, Madrid, Spain
Mira, Alex. Fund Health & Biomed Res Oral Microbiome Lab., Valencia, Spain
Montesinos, Emili. University of Girona, Girona, Spain
Mrvčić, Jasna. University of Zagreb, Croatia
Penadés, José R. Research Institute in Livestock Mountain, Segorbe, Spain
Piqueras, Mercè. Catalan Assoc. Science Comm., Barcelona, Spain
Randez Gil, Francisca. IATA-CSIC, Paterna, Valencia
Rementeria, Aitor. University of the Basque Country, Bilbao, Spain
Ribas, Catalina. Center of Molecular Biology, CSIC, Madrid, Spain
Rivilla, Rafael. Autonomous University of Madrid, Madrid, Spain
Rodríguez Navarro, Carlos. University of Granada, Granada, Spain
Rosselló Mora, Ramon. University of the Balearic Island, Mallorca, Spain
Russell, Michael. Jet Propulsion Laboratory, Pasadena, CA, USA
Schneider, Eckart. Robert Koch-Institute, Berlin, Germany
Solano, Cristina. Public University of Navarra-CSIC, Pamplona, Spain
St John, Franz. University of Maryland, Baltimore, MD, USA
Stockwell, Virginia. Oregon State University, OR, USA
Tenreiro, Rogério. University of Lisbon, Lisbon, Portugal
Vila, Jordi. University of Barcelona, Barcelona, Spain
Villaverde, Antoni. Autonomous University of Barcelona, Barcelona, Spain
Vindel, Ana. Institute of Health Carlos III, Madrid, Spain
Viñas, Miquel. University of Barcelona, Barcelona, Spain
Viole, Marie-Joelle. University of Paris XI, Orsay, France
Wang, Gaoyan. Cornell University, Cornell, NY, USA
Wilkins, Mark. Oklahoma State University, Stillwater, OK, USA
Yuste, José. Institute of Health Carlos III, Madrid, Spain
Zaragoza, Óscar. National Center for Microbiology, Madrid, Spain
Zhao, Ling. University of Tennessee, Knoxville, TN, USA