

Supplementary Materials

Table S1. The mycological journals

Title of the serial publication	Discipline	Overall	Overall	First	First	Last	Last
		2016	2022	2016	2022	2016	2022
Eukaryotic Cell	Cell Biology	43%	44.4%	50%	50%	27%	28%
FEMS Yeast Research	Microbiology	44.8%	45%	50.0%	50%	37.3%	34.7
Fungal Biology	Microbiology	46.4%	45%	53.4%	50%	39.7%	36%
Fungal Genetics and Biology	Genetics	43%	41.5%	49.2%	49.7%	27.3%	29.9%
Medical Mycology	Microbiology	47.2%	48.6%	49.1%	49.8%	33.3%	32%
Mycologia	Microbiology	33.8%	33.5%	40.4%	41.6%	32.2%	36%
Mycopathologia	Microbiology	50%	49.7%	49.8%	50%	38.4%	39.2%
Mycorrhiza	Botany	48.3%	46.1%				
Mycoses	Microbiology	48.1%	44.4%	50%	50%	28.5%	19.9%
Revista Iberoamericana de Micologia	Microbiology	49.7%	50%				
Yeast	Microbiology	41.2%	45.2%	49.6%	49.9%	33%	38.2%
Nature	Multidisciplinary	31.4%	34.9%	28%	30.1%	18.3%	20.8%
Science	Multidisciplinary	30%	30.7%	31.2%	31.2%	21.9%	23.4%

Mycology journals according to the Journal Citation Reports for 2016 [1]. Proportion of women authors according to the discipline search in the web app The Gender Gap in Academic Publishing [2]. Additional journal titled Mycological Research was discontinued in 2011; green, 50% or more; blue 40%-60%.

Table S2. Proportion of women authors publishing by research discipline

Discipline	2016	Prediction for 2022
Immunology	44.2%	46%
Microbiology	43.1%	44.9%
Genetics	41.5%	43.1%
Toxicology	41.5%	44.8
Cell Biology	40.9%	42.9%
Botany	38.5%	41%
Medicine	38.5%	40.9%
Biotechnology	37.9%	41.9%
Biology	37.3%	39.4%
Multidisciplinary	37.1%	40.8%
Biochemistry	36.4%	39.1%
Biophysics	33.4%	33%
Zoology	31%	28.9%

Proportion as percentage of women authors according to the discipline search in the web app The Gender Gap in Academic Publishing [2].

Table S3. Proportion of women researchers publishing by author position in microbiology

Microbiology	2016	Prediction for 2022
First	51.5%	50%
Single	38.5%	44.1%
Overall	43.1%	44.9%
Last	32.2%	36.4%

Proportion as percentage of women researchers according to the author position in microbiology the web app The Gender Gap in Academic Publishing [2].

Table S4. Proportion of women researchers publishing by author position in mycology

Mycology	2016	Prediction for 2022
First	49.1%*	49%*
Overall	45.1%	45%
Last	33%*	32.7%*

Proportion as percentage of women researchers according to the author position in microbiology to the web app The Gender Gap in Academic Publishing [2] calculated from the eleven mycological journals (Journal Citation Reports 2016 [1]); *, data for nine mycological journals.

Table S5. Research of fungal aegerolysins as published in scientific journals and disciplines

Journal	Discipline	Reference
BMC Microbiology	Microbiology	[3]
FEMS Microbiology Letters	Microbiology	[4]
Microbiology	Microbiology	[5]
Molecular Microbiology	Microbiology	[6]
Mycological Research	Microbiology	[7]
Medical Mycology	Microbiology/ Mycology	[8,9]
Mycopathologia	Microbiology/ Mycology	[10]
Biochemistry	Biochemistry	[11]
Biochimie	Biochemistry	[12,13]
Chemistry and Physics of Lipids	Biochemistry	[14]
FEBS Letters	Biochemistry	[15]
Protein science	Biochemistry	[16]
Sub-Cellular Biochemistry	Biochemistry	[17]
Biochimica et Biophysica Acta	Biophysics	[18,19,20]
Applied Microbiology and Biotechnology	Biotechnology	[21,22]
Seminars in Cell & Developmental Biology	Cell biology	[23]
The FASEB Journal	Cell biology	[24]
International Journal of Medical Microbiology	Medicine	[25]
International Journal of Medical Sciences	Medicine	[26]
Molecular Genetics and Genomics	Genetics	[27]
Developmental and Comparative Immunology	Immunology	[28]
PloS One	Multidisciplinary	[29]
Toxicon	Toxicology	[30]
Journal of Invertebrate Pathology	Zoology	[31]
International Journal of Medicinal Mushrooms	/	[32]
Microorganisms	/	[33]
Mycological Progress	/	[34]
Scientific Reports	/	[35,36]
Toxins	/	[37,38,39]

The research of fungal aegerolysins according to Scopus title-abstract-keywords search (TITLE-ABS-KEY (aegerolysin*) AND TITLE-ABS-KEY (fung*)) [40]. Papers found (37) were according to journals assigned to appropriate disciplines by the web app The Gender Gap in Academic Publishing [2].

Table S6. Status of women researchers

Status	Number
Emeritus	4
Intermediate	90
Senior	97
Junior	103
Not declared	6

Table S7. Region of women researchers

Region	Number
Africa	6
Asia	12
Australia/ NZ	28
Europe	104
North America	146
South America	4

Table S8. Descriptors of fungal research area by women researchers

Descriptors	Number of descriptor repetition
Biochemistry	17
Biotechnology	11
Cell biology	35
Development	7
Ecology	67
Evolution	89
Genetics/Genomics	148
Immunology	5
Medical mycology	49
Plant pathology	85
Signaling	7
Taxonomy	0
Not declared	80

Table S9. Keywords women researchers use at least twice to describe their fungal research area

Keywords	¹ Number of repetitions
plant	60
genome	52
interaction	41
evolution	38
<i>Candida</i> , fungi , genetics	35
fungal	34
ecology	33
pathology	32
population	27
taxonomy	23
microbe	22
pathogen	20
forest	19
biology	17
<i>Cryptococcus</i>	16
<i>Aspergillus</i> , cell	15
medicine	14
phylogeny	13
endophyte , <i>Fusarium</i> , oomycetes , systematics	12
Disease , <i>Neurospora</i> , <i>Saccharomyces</i>	11
diagnostics , micro	10
development , metabolism , mycology , mycorrhizal , rust , signal	9
epidemiology , host , mycorrhiza , soil	8
antifungal, biodiversity, <i>Magnaporthe</i> , secondary, symbiosis	7
phylogenetics, resistance	6
<i>Botrytis</i> , chytrid, comparative, enzyme, molecular, tropical, wall, arbuscular, biotechnology, circadian, community, diversity, ectomycorrhizal, immunity, innate, lichen, mycotoxin, <i>Phytophthora</i> , <i>Trichoderma</i> , wood	5
Ascomycetes, immunology, <i>oryzae</i> , rhythm, factor, epigenetics, metabolite, mating, virulence, Pyrenomycetes, metagenomics, type, emerging, invasive, regulation, grass, fungicide, proteomics, speciation, pathologist, stress, med(ical), mycology, mushroom, species, <i>Colletotrichum</i>	3
<i>albicans</i> , AMF, animal, antibody, Bacteria, bacterial, Basidiomycetes, biogeography, bioinformatics, blast, blight, canker, capsule, <i>Ceratocystis</i> , cereal, change, chromosome, climate, concepts, conservation, crop, cycle, decay, decayers, defense, degrading, drug, dynamics, <i>Epichloe</i> , evolutionary, extremophile, field, functional, generation, genes, glycobiology, <i>Hortaea</i> , human, hybrids, indoor, induced, insect, <i>Leptosphaeria</i> , lignocellulolytic, <i>maculans</i> , management, marine, metapopulations, microbiome, modeling, Mucoromycotina, nitrogen, omics, ornamentals, oxidative, pathogenomics, peptides, <i>Phoma</i> , phylogenomics, physiology, polar, products, <i>Pyrenophora</i> , rice, rot, <i>Septoria</i> , sequencing, small, <i>Sordaria</i> , stem, transduction, tree, <i>Ustilago</i> , vegetable, wild, yeast, Zygomycetes	2

The top 10% or top 40 keywords used by Women Researchers in Fungi & Oomycetes (WRIFFO) [41] are listed in bold. Analysis using the online tool Tagul [42]. ¹ Number of keyword repetitions in the WRIFFO table[41]. AMF, arbuscular mycorrhiza fungus.

Table S10. Gender breakdown of plenary and selected speakers, session chairs, and meeting organizers for two alternating meetings FGC and ECFG

Conference	Number of speakers	Number of plenary speakers	Number of chairs	Number of chairs in plenary sessions	Number of organizers
	women + men	women + men	women + men	women + men	women + men
FGC28 2015	101 + 111 (?)	8 + 13	22 + 34	1 + 3	5 + 10
ECFG13 2016	36 + 56	5 + 15	9 + 20	3 + 9	14 + 23
ECFG15 2020	53 + 57	6 + 14	10 + 21	2 + 5	15 + 39
FGC31 2022	102 + 119 (?)	10 + 11	32 + 33	5 + 4	8 + 8

FGC28, The 28th Fungal Genetics Conference at Asilomar, March 17-22, 2015 [43]; ECFG13, The 13th European Conference on Fungal Genetics Paris, France, April 3-6, 2016 [44]; ECFG15; The 15th European Conference on Fungal Genetics Rome, Italy, February 17-20, 2020 [45]; and FGC31, The 31st Fungal Genetics Conference at Asilomar, March 15 - 20, 2022 [46]; ?, unknown gender of the speaker.

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