Curriculum vitae: Neriman Yilmaz (Visagie) (Ph.D.)

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# Personal Details

Date of Birth: 29 November 1982

Nationality: Turkish

Marital status: Married

Language: Turkish & English

# Work experience

Post-Doctoral Fellow at Agriculture and Agri-Food Canada, Ottawa, ON, Canada, working with Prof. Keith A. Seifert. I am also co-registered for this position in the Department of Biology, University of Ottawa, Canada. May 2016 – May 2017

Post-Doctoral Fellow at Carleton University, Chemistry Department, Ottawa ON, Canada, working with Prof. Dr. David Miller and at Agriculture and Agri-Food Canada Ottawa, ON, Canada, working with Prof. Dr. Keith A. Seifert

Feb 2015 – May 2016

# EDUCATION

**Ph.D. (Molecular Biology, Fungal Taxonomy)**, Utrecht University and CBS-KNAW Fungal Biodiversity Centre, Utrecht, the Netherlands 2010–2015

Thesis: “Employing a polyphasic taxonomy in *Talaromyces*”

Thesis defence date: 28 April 2015.

Institution that awarded highest qualification: Utrecht University, Utrecht, the Netherlands

**M.Sc. (Food Engineering, Food Microbiology)** Istanbul Technical University, Istanbul, Turkey 2005–2008

Thesis: “Effect of different modified atmosphere packaging and irradiation on microbial quality and safety of ready-to-cook meatballs”

**B.Sc. (Food Engineering)**, Ege University, Izmir, Turkey 2000–2005

# Scholarships

Research scholarship from the Scientific and Technological Research Council of Turkey (TUBITAK) (Project number: 105 O 152) 2005–2008

# Memberships

**International Mycological Association** 2010-present

**Young-ISHAM (**representative for Turkey) 2011-present

**KNAW (Koninklijke Vereniging voor Microbiologie)** 2010-present

**NVvM (Nederlandse Vereniging voor Microbiologie)** 2010-present

# TEACHING EXPERIENCE

**Instructor** at the Introduction to Food-borne and Indoor Fungi course, Trakya University, Turkey, University of Ottawa, Canada, and CBS-KNAW, Utrecht, the Netherlands 2010–2015

# Reviewer

Active reviewer of manuscripts for international journals such as the Studies in Mycology, IMA Fungus, Mycologia, Mycokeys, Persoonia.

# Book or book chapters

1. Houbraken J, Samson RA, **Yilmaz N** (2016). Taxonomy of *Aspergillus*, *Penicillium* and *Talaromyces* and its significance for biotechnology. In: *Aspergillus* and *Penicillium* in the Post-Genomic Era (de Vries, Benoit Gelber I, Rordam Andersen M, eds), Caister Academic Press, Norfolk, pp 1–15.

# PUBLICATIONS AND PAPERS

## Peer-reviewed Papers 2018:

1. Nilsson HR, Taylor AFS, Adams RI, Baschien C, Bengtsson-Palme J, Cangren P, Coleine C, Daniel HM, Glassman SI, Hirooka Y, Irinyi L, Iršėnaitė R, Martin-Sanchez PM, Meyer W, Oh SY, Sampaio JP, Seifert KA, Sklenář F, Stubbe D, Suh SO, Summerbell R, Svantesson S, Unterseher M, Visagie CM, Weiss M, Woudenberg JHC, Wurzbacher C, Van den Wyngaert S, **Yilmaz N**, Yurkov A, Kõljalg U, Abarenkov K. Taxonomic annotation of public ITS sequences from the built environment - a report from an April 10-11, 2017 worksop (Aberdeen, UK). MycoKeys 28: 65–82. <https://doi.org/10.3897/mycokeys.28.20887>

## Peer-reviewed Papers 2017:

1. Visagie CM, **Yilmaz N**, Renaud JB, Sumarah MW, Hubka V, Frisvad JC, Chen AJ, Meijer M, Seifert KA (2017). A survey of xerophilic *Aspergillus* from indoor environment, including descriptions of two new section *Aspergillus* species producing eurotium-like sexual states. MycoKeys 19: 1–30. https://doi.org/10.3897/mycokeys.19.11161
2. Demirel R, Sen B, Kadaifciler D, Yoltas A, Okten S, Ozkale E, Berikten D, Samson RA Haliki Uztan A, **Yilmaz N**, Abaci Gunyar O, Aydogdu H, Asan A, Kivanc M, Ozdil S, Sakartepe E (2017). Indoor airborne fungal pollution in newborn units in Turkey. Environmental Monitoring and Assessment 189: 362.
3. Sklenář F, Jurjević Ž, Zalar P, Visagie CM, Kolařík M, Houbraken J, Chen AJ, **Yilmaz N**, Seifert KA, Coton M, Déniel F, Gunde-Cimerman N, Samson RA, Peterson SW, Hubka V (2017). Phylogeny of xerophilic aspergilli (subgenus *Aspergillus*) and taxonomic revision of section *Restricti*. Studies in Mycology 88: 161–236. https://doi.org/10.1016/j.simyco.2017.09.002
4. Tanney JB, Visagie CM, **Yilmaz N**, Seifert KA (2017). *Aspergillus* subgenus *Polypaecilum* from the built environment. Studies in Mycology 88: 237–267. https://doi.org/10.1016/j.simyco.2017.11.001

## Peer-reviewed Papers 2016:

1. Chen AJ, Sun BD, Houbraken JC, Frisvad JC, **Yilmaz N**, Zhou YG, Samson RA.(2016). New *Talaromyces* species from indoor environments in China. Studies in Mycology 84: 119–144. http://dx.doi.org/10.1016/j.simyco.2016.11.003
2. **Yilmaz N,** López-Quintero CA, Vasco-Palacois AM, Frisvad JC, Theelen B, Boekhout T, Samson RA, Houbraken (2016). Four novel *Talaromyces* species isolated from leaf litter from Colombian Amazon rain forests. Mycological Progress 15: 1041–1056. DOI 10.1007/s11557-016-1227-3
3. Wingfield BD, Ambler JM, Coetzee MPA, de Beer ZW, Duong TA, Joubert F, Hammerbacher A, McTaggert AR, Naidoo K, Nguyen HDT, Ponomareva E, Santana QS, Seifert KA, Steenkamp ET, Trollip C, van der Nest MA, Visagie CM, Wilken PM, Wingfield MJ, **Yilmaz N** (2016). IMA Genome-F 6: Draft genome sequences of *Armillaria* *fuscipes*, *Ceratocystiopsis* *minuta*, *Ceratocystis* *adiposa*, *Endoconidiophora* *laricicola*, *E. polonica* and *Penicillium* *freii* DAOMC 242723. IMA Fungus 7: 217–227. doi: 10.5598/imafungus.2016.07.01.11
4. **YilmazN**, Visagie CM, FrisvadJC, HoubrakenJ, JacobsK, Samson RA (2016). Taxonomic re-evaluation of species in *Talaromyces* section *Islandici*, using a polyphasic approach. Persoonia 36: 37–56. doi:  [10.3767/003158516X688270](https://dx.doi.org/10.3767%2F003158516X688270)
5. **Yilmaz N**, Hagen F, Houbraken J, Meis JF, Samson RA (2016). Discovery of a sexual cycle in *Talaromyces amestolkiae*. Mycologia 108: 70–79. doi: 10.3852/15-014

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## Peer-reviewed Papers 2015:

1. Stielow JB, Lévesque CA, Seifert KA, Meyer W,Iriny L, Smits D, Renfrum R, Verkley GJ, Groenewald M, Chaduli D, Lomascolo A, Welti S, Lesage-Meessen L, Favel A, Al-Hatmi AM, Damm U, **Yilmaz N**, Houbraken J, Lombard L, Quaedvlieg W, Binder M, Vaas LA, Vu D, Yurkov A, Begerow D, Roehl O, Guerrero M, Fonesca A, Samerpitak K, van Depeningen AD, Dolatabadi S, Moreno LF, Casaregola S, Mallet S, Jacques N, Roscini L, Egidi E, Bizet C, Garcia-Hermoso D, Martín MP, Deng S, Gronwald JZ, Boekhout T, de Beer ZW, Barnes I, Duong TA, Wingfield MJ, de Hoog GS, Crous PW, Lewis CT, Hambleton S, Moussa TA, Al-Zahrani HAS, Almaghrabi OA, Louis-Seize G, Asabgui R, McCormick W, Omer G, Dukik K, Cardinali G, Eberhardt U, de Vries M, Robert V (2015).Onefungus, which genes? Development and assessment of universal primers for potential secondary fungal DNA barcodes. Persoonia 35: 242–263. doi: 10.3767/003158515X689135
2. Visagie CM, **Yilmaz N**, Frisvad JC, Houbraken J, Seifert KA, Samson RA, Jacobs K (2015). Five new *Talaromyces* specieswith ampulliform-like phialides and globose rough walled conidia resembling *T. verruculosus.* Mycoscience 56: 486–502. https://doi.org/10.1016/j.myc.2015.02.005

## Peer-reviewed Papers 2014:

1. Houbraken J, Visagie CM, Meijer M, Frisvad JC, Busby PE, Pitt JI, Seifert KA, Louis-Seize G, Demirel R, **Yilmaz N**, Jacobs K, Christensen M, Samson RA. 2014. A taxonomic and phylogenetic revision of *Penicillium* section *Aspergilloides.* Studies in Mycology 78: 373–451. https://doi.org/10.1016/j.simyco.2014.09.002
2. Visagie CM, Varga J, Houbraken J, Meijer M, Kocsube S, **Yilmaz N**, Fotedar R, Seifert KA, Frisvad JC, Samson RA. 2014. Ochratoxin production and taxonomy of the yellow aspergilli (*Aspergillus* section *Circumdati*). Studies in Mycology 78: 1–61. 10.1016/j.simyco.2014.07.001
3. **Yilmaz N**, V**i**sagie CM, Houbraken J, Frisvad JC, Samson RA. 2014. Polyphasic taxonomy of the genus *Talaromyces*. Studies in Mycology 78: 175–341. doi: 10.1016/j.simyco.2014.08.001

## Peer-reviewed Papers 2013:

1. Frisvad C, **Yilmaz N**, Thrane U, Rasmussen KB, Houbraken J, Samson RA. 2013. *Talaromyces* *atroroseus*, a new species efficiently producing industrially relevant red pigments. PLoS One 8: e84102. https://doi.org/10.1371/journal.pone.0084102
2. Manoch L, Dethoup T, **Yilmaz N**, Houbraken J, Samson RA (2013). Two new *Talaromyces* species from soil in Thailand. Mycoscience 2013:1–8. https://doi.org/10.1016/j.myc.2012.12.002

## Peer-reviewed Papers 2012:

1. **Yilmaz N**, Houbraken J, Hoekstra ES, Frisvad JC, Visagie CM, Samson RA (2012). Delimitation and characterisation of *Talaromyces* *purpurogenus* and related species. Persoonia 29: 39–54. doi: 10.3767/003158512X659500
2. Gunes G, **Yilmaz N**, Ozturk A (2012). Effects of irradiation dose, O2 and CO2 concentrations in packages on foodborne pathogenic bacteria and quality of ready-to-cook seasoned ground beef product (meatball) during refrigerated storage. The Scientific World Journal, Vol. 2012, s. doi:10.1100/2012/274219.

## Peer-reviewed Papers 2011:

1. Samson RA, **Yilmaz N**, Houbraken J, Spierenburg H, Seifert KA, Peterson SW, Varga J, Frisvad JC (2011). Phylogeny and nomenclature of the genus *Talaromyces* and taxa accommodated in *Penicillium* subgenus *Biverticillium*. Studies in Mycology 70: 159–184. doi: 10.3114/sim.2011.70.04
2. Hawksworth DL, Crous PW, Redhead SA, Reynolds DR, Samson RA, Seifert KA, Taylor JW, Wingfield MJ, Abaci O, Aime C, Asan A, Bai FY, de Beer ZW, Begerow D, Berikten D, Boekhout T, Buchanan PK, Burgess T, Buzina W, Cai L, Cannon PF, Crane JL, Damm U, Danoel HM, van Diepeningen AD, Druzhinina I, Dyer PS, Eberhardt U, Fell JW, Frisvad JC, GEiser DM, Geml J, Gilenke C, Gräfenhan T, Groenewald JZ, Groenewald M, de Gruyter J, Guého-Kellermann E, Guo LD, Hibbett DS, Hong SB, de Hoog GS, Houbraken J, Huhndorf SM, Hyde KD, Ismail A, Johnston PR, Kadaifciler DG, Kirk PM, Kõljalg U, Kurtzman CP, Lagneau PE, Lévesque CA, Liu X, Lombard L, Meyer W, Miller A, Minter DW, Najafzadeh MJ, Norvell L, Ozerskaya SM, Ozic R, Pennycook SR, PEterson SW, Pettersson OV, Quaedvlieg W, Robert VA, Ruibal C, Schnürer J, Schroers HJ, Shivas R, Slippers B, Spierenburg H, Takashima M, Taskin E, Thines M, Thrane U, Uztan AH, van Raak M, Varga J, Vasco A, Cerkley G, Videira SI, de Vries RP, Weir BS, **Yilmaz N**, Yurkov A, Zhang N (2011). The Amsterdam Declaration on Fungal Nomenclature. IMA Fungus 2: 105–112. doi: 10.5598/imafungus.2011.02.01.14
3. Gunes G, Ozturk A, **Yilmaz N**, Ozcelik B (2011). Maintenance of safety and quality of refrigerated ready-to-cook seasoned ground beef product (meatball) by combining gamma irradiation with modified atmosphere packaging. Journal of Food Science, Vol. 76: M413–M420.

## Peer-reviewed Papers 2010:

1. Ozturk A, **Yilmaz N**, Gunes G (2010). Effect of different modified atmosphere packaging on microbial quality, oxidation and colour of a seasoned ground beef product (meatball). Packaging Technology and Science, Vol. 23: 19–25.

# Conference contributions

## Invited seminar presentations:

1. **Yilmaz N**, Houbraken J, Samson A. Nomenclature of *Penicillium* and *Talaromyces*. Istanbul University Biology Department, Istanbul, Turkey, June 2012.
2. **Yilmaz N**, Houbraken J, Samson A. Single name nomenclature of Trichocomacea, *Penicillium* and *Aspergillus*. Turkish Microbiology Society Annual Meeting, Yeditepe University Istanbul, Turkey, August 2013.
3. **Yilmaz N,** Frisvad J, Samson A. Phenotypic characterization of *Aspergillus* *westerdijkiae*. 1st National Mycology Days Symposium, September 2014, Erzurum, Turkey.

## Seminar presentations:

1. **Yilmaz N**, Tanney B, Davey M, Seifert KA, Miller D. *Lophodermium* from spruce is not *Lophodermium*. 32nd Great Lakes Mycology Meeting, Queens University Biological Station, Chaffey’s Lock, Canada, May 2016.
2. **Yilmaz N**, Visagie CM, Houbraken J, Frisvad JC, Samson RA. Employing a polyphasic taxonomy in *Talaromyces*. 31st Great Lakes Mycology Meeting, Queens University Biological Station, Chaffey’s Lock, Canada, May 2015.
3. **Y****ilmaz N**, Houbraken J, Samson RA, Talaromyces covering pathogenic Penicillium species. ISHAM Workshop, The Future of Fungal Barcoding, CBS-KNAW Fungal Biodiversity Centre, Utrecht, the Netherlands, April 2013.
4. **Yilmaz N,** Houbraken J, Samson RA. The current role of *Talaromyces* (= *Penicillium* subgenus *Biverticillium*) as pathogen in human and animal health. Scientific meeting of Netherlands Society for Medical Mycology (NvMY), Utrecht, the Netherlands, December 2012.
5. **Yilmaz N,** Samson RA. Single name nomenclature of *Penicillium* and implications in medical mycology. ISHAM, Berlin, Germany, June 2012.
6. **Yilmaz N**, Meijer M, Houbraken J, Frisvad JC. Samson RA. Phenotypic identification of Aspergillus *westerdijkiae* and closely related species. IUMS XIII International Congress of Mycology, Sapporo, Japan, September 2011.
7. **Yilmaz N**, Francois B, Otto R, Samson RA, Hoogenhuijzen T, Houbraken J, Meijer M, Vissers N, Choosakoo K. Temperature-, water activity- and pH relations of 26 food spoilage moulds. IUMS XIII International Congress of Mycology, Sapporo, Japan, September 2011.
8. **Yilmaz N**, Samson RA. Delimination and characterization of *Penicillium purpurogenum*. PhD day, Biodiversity, Leiden, Netherlands, December 2010.

## Poster presentations:

1. **Yilmaz N**, Samson RA. Polyphasic taxonomy of *Penicillium* *purpurogenum* IMC9, the Biology of Fungi, Edinburgh, UK, August 2010.
2. **Yilmaz N**, Visagie CM, Houbraken J, Samson RA. Diversity of the genus *Talaromyces* based on a polyphasic taxonomy IUMS 2014, Montreal, Canada. July to August 2014.
3. **Yilmaz N**, Visagie CM, Vanderwolf KJ, Malloch D, McAlpine DF, Seifert KA. Penicillium species occurring in bat hibernacula from New Brunswick Canada. 84th Meeting of MSA, Berkeley, CA, USA, August 2016.

# References

**Prof. Dr. Keith A. Seifert**

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