

ΑΜΑΛΙΑ - ΣΟΦΙΑ ΑΦΕΝΔΡΑ
ΒΙΟΓΡΑΦΙΚΟ ΣΗΜΕΙΩΜΑ
ΙΩΑΝΝΙΝΑ 2020

ΟΝΟΜΑ	Αμαλία - Σοφία Αφένδρα
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ΘΕΣΗ	Επίκουρη Καθηγήτρια Μικροβιακής Γενετικής
ΣΠΟΥΔΕΣ	<ul style="list-style-type: none"> ▪ Πτυχίο Χημείας, Πανεπιστήμιο Ιωαννίνων, 1985 ▪ Διδακτορικό Δίπλωμα, Πανεπιστήμιο Ιωαννίνων, 1992
ΘΕΣΕΙΣ	<ul style="list-style-type: none"> ▪ Ειδική Μεταπτυχιακή Υπότροφος (ΕΜΥ), Πανεπιστήμιο Ιωαννίνων, 1988-1992 ▪ Μεταδιδακτορική Ερευνήτρια, University of California, Berkeley, 1993-94 ▪ Μεταδιδακτορική Ερευνήτρια, Πανεπιστήμιο Ιωαννίνων, 1995-2000 ▪ Διδάσκουσα ΠΔ 407, Πανεπιστήμιο Ιωαννίνων, 2000-2004 ▪ Λέκτορας, Πανεπιστήμιο Ιωαννίνων, 2000-2012 ▪ Επίκουρη Καθηγήτρια, Πανεπιστήμιο Ιωαννίνων, 2012-σήμερα (μονιμοποίηση 7/2016)
ΕΡΕΥΝΗΤΙΚΟ ΑΝΤΙΚΕΙΜΕΝΟ	<ul style="list-style-type: none"> ▪ Γενετική βελτίωση μικροοργανισμών βιοτεχνολογικού ενδιαφέροντος. ▪ Μοριακή γενετική τεχνολογία σε μικροοργανισμούς ▪ Οριζόντια γονιδιακή μεταφορά ▪ Ανίχνευση και χαρακτηρισμός ενδογενών πλασμιδίων. • Genetic improvement in microorganisms of biotechnological interest by molecular microbial technology approaches • Construction of plasmid cloning vectors for heterologous gene expression • Horizontal gene transfer in bacteria
ΣΥΜΜΕΤΟΧΗ ΣΕ ΕΡΕΥΝΗΤΙΚΑ ΠΡΟΓΡΑΜΜΑΤΑ	<ul style="list-style-type: none"> ▪ EC, DGXII, ΒΕΡ 1984 (GBI-3-098-GR) ▪ EC, DGXII, ΒΑΡ 1986 (ΒΑΡ-0153-GR) ▪ STRIDE-HELLAS 33 ▪ EC, DGXI-E-2-Biotechnology, 1995, Β4-3040 ▪ ΕΠΕΤ II (έργο 323), 1995 ▪ EC, ΒΙΟΤΕΧ, 1996 (ΒΙΟ-CT96-0488) ▪ EC, DGXI-E-2-Biotechnology, 1997, 96/809/3040 ▪ ΕΠΕΤ II (έργο 124), 1998 ▪ ΠΥΘΑΓΟΡΑΣ I, 2004 ▪ ΠΥΘΑΓΟΡΑΣ II, 2005 (Επιστημονική Υπεύθυνη) ▪ ΓΓΕΤ, ΕΛΛΑΔΑ-ΙΣΠΑΝΙΑ, 2005 ▪ ΣΥΝΕΡΓΑΣΙΑ, 2012 ▪ ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΠΡΟΓΡΑΜΜΑ «ΗΠΕΙΡΟΣ» 2014-2020 ▪ ΕΣΠΑ 2014-2020 “Ερευνητική Υποδομή στην Ανάπτυξη Βιοτεχνολογιών στα Τρόφιμα και στην Εκμετάλλευση Καινοτομιών”

ΣΥΜΜΕΤΟΧΗ ΣΕ ΕΥΡΩΠΑΪΚΑ ΕΚΠΑΙΔΕΥΤΙΚΑ ΠΡΟΓΡΑΜΜΑΤΑ	Plasmid stability - horizontal gene transfer - environmental implications (Workshop CEC Biotechnology R & D Programmes), 1-12/7/1996, Παν/μιο Ιωαννίνων
ΜΕΤΑΦΡΑΣΕΙΣ	<p>Συμμετοχή στη μετάφραση στα ελληνικά:</p> <ul style="list-style-type: none"> ▪ iGenetics: a Mendelian approach (Russell P.J.), κεφ. 9, 11,14, 16 & 19. ▪ Introduction to Genetic Analysis (Griffiths , Wessler, Carroll, Doebley) κεφ. 2. ▪ Concepts of Genetics (Klug, Cummings, Spencer, Palladino) κεφ. 11.
ΜΕΛΟΣ ΕΠΙΣΤΗΜΟΝΙΚΩΝ ΣΥΛΛΟΓΩΝ - ΕΤΑΙΡΕΙΩΝ	<ul style="list-style-type: none"> ▪ Ενωση Ελλήνων Χημικών ▪ Ελληνική Εταιρεία Βιοχημείας & Μοριακής Βιολογίας ▪ Επιστημονική Εταιρεία «Μικροβιόκοσμος»
ΟΡΓΑΝΩΣΗ ΣΥΝΕΔΡΙΩΝ	<ul style="list-style-type: none"> ▪ 4^ο Πανελλήνιο Συνέδριο της Επιστημονικής Εταιρείας ΜΙΚΡΟΒΙΟΚΟΣΜΟΣ (2011, μέλος της οργανωτικής επιτροπής). ▪ 67^ο Συνέδριο της Ελληνικής Εταιρείας Βιοχημείας & Μοριακής Βιολογίας (ΕΕΒΜΒ) (2016, μέλος της οργανωτικής επιτροπής).

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ΚΕΦΑΛΑΙΑ ΣΕ ΣΕΙΡΕΣ ΒΙΒΛΙΩΝ

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 20. Parapouli M., Koukouritaki M., Foukis A., Stergiou P-Y., Karabika E., Papamichael E.M., Afendra A. and Hatziloukas E. (2014). Partial characterization of bacterial strains possessing lipase activity isolated from waste treatment facilities of Volos and Psittaleia (Greece). 10th European Symposium on Biochemical Engineering Sciences and 6th International Forum on Industrial Bioprocesses in collaboration with ACS, Lille, France.
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 23. Filippou M., Karabika E., Troianou E., Parapouli M., Stergiou P-Y., Foukis A., Noutsopoulos D., Afendra A., Papamichael E.M., Hatziloukas E. (2015). Comparative study of fermentation processes by free and immobilized grapevine

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