



*Δια-Ιδρυματικό – Διατμηματικό Πρόγραμμα Μεταπτυχιακών Σπουδών του  
Τμήματος Ελληνικής Φιλολογίας του Δημοκριτείου Πανεπιστημίου Θράκης  
και του Ινστιτούτου Πληροφορικής και Τηλεπικοινωνιών (Ι.Π.&Τ.) του  
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**ΔΠΜΣ « ΕΞΕΙΔΙΚΕΥΣΗ ΣΤΙΣ ΤΠΕ ΚΑΙ ΕΙΔΙΚΗ ΑΓΩΓΗ-  
ΨΥΧΟΠΑΙΔΑΓΩΓΙΚΗ ΤΗΣ ΕΝΤΑΞΗΣ**

**«Αιτίες αυτισμού»**

**Διπλωματική Εργασία  
της  
Σκιγκοπούλου Γεωργίας**

**ΕΠΙΒΛΕΠΟΥΣΑ ΚΑΘΗΓΗΤΡΙΑ: ΧΡΙΣΤΙΝΑ ΣΥΡΙΟΠΟΥΛΟΥ**

**ΑΝΑΠΛΗΡΩΤΡΙΑ ΚΑΘΗΓΗΤΡΙΑ – ΤΜΗΜΑ ΕΚΠΑΙΔΕΥΤΙΚΗΣ & ΚΟΙΝΩΝΙΚΗΣ  
ΠΟΛΙΤΙΚΗΣ, ΠΑΝΕΠΙΣΤΗΜΙΟ ΜΑΚΕΔΟΝΙΑΣ**

## Περίληψη

Η διαταραχή του αυτιστικού φάσματος (ΔΑΦ) είναι μια σύνθετη νευροαναπτυξιακή κατάσταση που επηρεάζεται από γενετικούς, περιβαλλοντικούς, νευροβιολογικούς και κοινωνικοπολιτιστικούς παράγοντες. Η παρούσα μελέτη παρέχει μια ολοκληρωμένη ανασκόπηση της τρέχουσας έρευνας σχετικά με τα αίτια της ΔΑΦ, συνθέτοντας ευρήματα από τη γενετική, την περιβαλλοντική επιστήμη, τη νευροανάπτυξη και τις κοινωνικές προοπτικές. Η γενετική έρευνα αναδεικνύει πολλαπλές μεταλλάξεις που σχετίζονται με τον κίνδυνο, όπως αυτές στα γονίδια SHANK3, CHD8 και SCN2A, οι οποίες επηρεάζουν τη συναπτική λειτουργία και τη συνδεσιμότητα του εγκεφάλου. Εν τω μεταξύ, οι περιβαλλοντικές εκθέσεις -συμπεριλαμβανομένων των μητρικών λοιμώξεων, των ρύπων και των προγεννητικών παραγόντων- έχουν συνδεθεί με τη ΔΑΦ μέσω επιγενετικών τροποποιήσεων και τροποποιημένης νευροανάπτυξης.

Η παρούσα μελέτη διερευνά ,επίσης τον ρόλο της νευροφλεγμονής, της δυσλειτουργίας του ανοσοποιητικού συστήματος και των μιτοχονδριακών ανωμαλιών στην παθολογία της διαταραχής του αυτιστικού φάσματος. Επιπλέον, οι κοινωνικοπολιτισμικές επιρροές, συμπεριλαμβανομένης της προσβασιμότητας στην υγειονομική περίθαλψη και των πολιτισμικών αντιλήψεων, επηρεάζουν τη διάγνωση και τις στρατηγικές παρέμβασης της ΔΑΦ. Με την ενσωμάτωση διαφορετικών ερευνητικών προοπτικών, η παρούσα μελέτη εντοπίζει βασικά κενά γνώσης και προτείνει κατευθύνσεις για μελλοντική έρευνα, με απώτερο στόχο τη βελτίωση της διαγνωστικής ακρίβειας και των προσεγγίσεων παρέμβασης για τη ΔΑΦ.

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