

FABED GENÇ BİLİM İNSANLARINA ÜSTÜN BAŞARI ÖDÜLÜ



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Doğum Yeri ve Yılı: Ordu, 1971

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Araştırma Alanları:

Doğal kaynaklardan sekonder metabolitlerin ayırma-safılaştırılması ve yapı tayini araştırmaları

Biyoaktivite rehberli çalışmalar ışığında farmakolojik olarak aktif doğal ürünlerin araştırılması

Doğal kaynaklı önemli hammaddelerin (standardize ekstre veya saf madde) pilot tesislerde ölçek büyütülerek elde edilmesi

Doğal ürünlerin analitik ve spektroskopik analizlerinin gerçekleştirilmesi

Sekonder metabolitlerden yarı-sentez ile farmakolojik etkinliği yüksek moleküllerin hazırlanması

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FABED GENÇ BİLİM İNSANLARINA ÜSTÜN BAŞARI ÖDÜLÜ



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Araştırma Alanları:

- İlaç ve biyolojik maddelerin analizlerinde kullanılan elektrokimyasal (biyo)sensörler
- Elektrokimyasal DNA analizleri için geliştirilen tek kullanımlık genosensör teknolojisi ve DNA çip teknolojisi
- İlaç-DNA etkileşimi, protein-DNA etkileşimi ve DNA hibridizasyonunun elektrokimyasal algılanmasına yönelik tasarımılanan, manyetik partiküller, karbon nanotüpler ve farklı nanomalzemelere dayalı elektrokimyasal sensör teknolojilerinin geliştirilmesi ve uygulamaları

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