

VII. Köszönetnyilvánítás

Köszönöm Dr. Görgényi Miklósné Dr. Tari Irma Tanszékvezető egyetemi docensnek, hogy lehetővé tette munkámat a Növénybiológiai Tanszéken, és ezen kívül szeretnék köszönetet mondani a tanszéken dolgozóknak, akik nélkül nem jöhetett volna létre a tudományos dolgozatom kutatási alapja. Köszönöm Feigl Gábornak a laboratóriumi módszerekbe való bevezetést, és a türelmet, ami hozzásegített, hogy elsajátítsam őket. Külön köszönet illeti témavezetőmet, Ördögné Dr. Kolbert Zsuzsannát, mivel az ő szakmai tudása és tapasztalata nagymértékben hozzájárult munkám sikerességéhez.

VIII. Irodalomjegyzék:

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IX. Tételes szerzői hozzájárulás

Alulírott, Molnár Árpád a dolgozatban leírt munkafolyamatok közül a:

- Morfológiai méréseket
- Szuperoxid dizmutáz enzimaktivitás meghatározását
- Aszkorbát peroxidáz enzimaktivitás meghatározását
- Schiff's-reagens - lipid peroxidáció kimutatását
- Zinquin, Zinpyr-1: cink tartalom meghatározását
- Dihidroetídium (DHE) - szuperoxid-gyökanion meghatározását
- Amplex red - hidrogén-peroxid meghatározását
- 4-amino-5-metilamino-2'-7'-difluorofluoreszcein diacetát (DAF FM DA): nitrogén-monoxid meghatározását
- 3'-(p-aminofenil) fluoreszcein (APF): peroxinitrit szint mérését
- Anilin-kék - kallóz berakódás kimutatását
- Fluoreszcein diacetát (FDA) - életképesség kimutatását
- Tirozin nitráció kimutatását western blottal
- Konfokális lézer scanning mikroszkópia - Apoplaszt-cink kolokalizáció vizsgálatát

végeztem el.

..... Molnár Árpád

aláírás

Szeged, 2014. december 20.