***A N E X A 4 . 1***

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Departamentul: Biologie Moleculară și Biotehnologie

**L I S T A**

# lucrărilor ştiinţifice în domeniul disciplinelor din postul didactic

## Teza de doctorat:

Titlul tezei de doctorat: **Cercetări privind organogeneza *in vitro* la unele plante rare.** Coordonator științific: Prof. Dr. Mihai Trifu, Universitatea Babeș-Bolyai.Diplomă de doctor nr. 27/10.09.2000, eliberată de Ministerul Educației Naționale.

Titlul tezei de abilitare: **Molecular markers, valuable tools for characterization of species and populations,** susținută la Universitatea Babeș-Bolyai. Atestat de abilitare: 5719/27.12.2017, eliberat de Ministerul Educației Naționale.

## Cărți și capitole în cărți publicate în ultimii 10 ani Cărți:

* 1. Farkas, A., Carpa, R., **Butiuc-Keul, A.L,** 2022, Biotehnologii generale. Ghid de lucrari practice. E-book, Ed. Presa Universitară Clujeană.

## Capitole de carte:

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	2. Hegedus, A., Nagy-Szoke, T., **Butiuc-Keul, A,** 2016, Identification of microorganisms resistant to antibiotics and antibiotic resistance genes. In: Coman C. (Ed). Methodological guide for monitoring antibiotics and antibiotic resistance in the environment. Accent Publisher, Cluj-Napoca, Romania, pp. 277-306.
	3. Coste, A., Pop, C., Halmagyi, A., **Butiuc-Keul, A.,** 2019, Secondary Metabolites in Shoot Cultures of *Hypericum*, In: Ramawat KG, Ekiert H, Goyal S, Eds, “Plant Cell and Tissue Differentiation and Secondary Metabolites”, Reference Series in Phytochemistry, Springer Cham, Switzerland, pp. 1-27.
	4. **Butiuc-Keul, A.** 2024. New biotechnological tools for grapevine improvement. In: Grapevine from origin to the vineyard, Lopes, P.F., Ed, [Advances in Botanical Research](https://www.sciencedirect.com/bookseries/advances-in-botanical-research), [Vol. 110](https://www.sciencedirect.com/bookseries/advances-in-botanical-research/vol/110/suppl/C), Elsevier, pp. 295-341.

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## Brevete obținute în întreaga activitate

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**Data: 01.07.2025 Semnătura:**

**Prof. Dr. BUTIUC Anca-Livia**

