

Curriculum vitae

Dr. Gabriela VOCHITA

EDUCATION
<ul style="list-style-type: none">– PhD in Biology, University "Alexandru Ioan Cuza" from Iasi, Faculty of Biology - 2001-2006– Master's degree, University "Alexandru Ioan Cuza" from Iasi, Faculty of Biology. Speciality: Molecular Genetics - 2004-2006– Bachelor of Science Biology, University "Alexandru Ioan Cuza" from Iasi, Faculty of Biology. Speciality: Biology - 1996-2000
EXPERIENCE/COURSES
Senior researcher and director – Institute of Biological Research Iasi, branch of NIRDBS Bucharest; Management and research activities - 2018-present Short Course on InterRad - Interdisciplinary Radiation Research, Munchen, Germany: Modern techniques in radiation research using biological assays to quantify cellular radiation (damage/repair/misrepair) by Comet assay, Gamma H2AX assay, cytogenetic assays (chromosomal aberrations: deletion, dicentrics, etc.) - 16-27.04. 2018 PhD Erasmus-Socrates doctoral scholarship, University of Vigo, Spain. Molecular cytogenetics techniques in plants (Fluorescence In situ Hybridisation - FISH, sister chromatid exchange/differentiation – SCE/SCD, nucleolus organizer region (NOR) identification, C, G and N-banding) - October 2004 - March 2005
Publications:
<ul style="list-style-type: none">- Published articles:95, from which 25 in ISI listed journals- Presented papers: 90 (40 at international scientific meetings)- Oral presentations overseas: 3- Scientific papers reviewed for international journals: more than 20
Patents:
Research projects:
<ul style="list-style-type: none">– Project coordinator: 10 (including international project responsible)– Project responsible: 2– Project member: 34
H-index 9
Membership: Romanian Society for Cell Biology; Association for Medicinal and Aromatic Plants of Southeast European Countries (AMAPSEEC); Phytochemical Society of Europe (PSE).

Relevant Articles

1. Cadinoiu A.N., Rata D.M., Atanase L.I., Daraba O.M., Gherghel D., Vochita G., Popa M., 2019. *Aptamer-Functionalized Liposomes as a Potential Treatment for Basal Cell Carcinoma*. Polymers (Basel).11(9). E1515. IF/2018=3.164.
2. Vochita G., Oprica L., Gherghel D., Mihai C.-T, Boukherroub R., Lobiuc A., 2019. Graphene oxide effects in early ontogenetic stages of Triticum aestivum L. seedlings.. *Ecotoxicology and Environmental Safety*, 181: 345-352. FI/2018=4.527.
3. Aprotosoiaie A.C., Miron A., Ciocarlan N., Brebu M., Rosu C.M., Trifan A., Vochita G.,

- Gherghel D., Luca S.V., Nita A., Costache I.I., Mihai C.-T., 2019. *Essential oils of Moldavian Thymus species: Chemical composition, antioxidant, anti-Aspergillus and antigenotoxic activities*. Flavour Fragr J. 1–12. ISSN: 0882-5734. FI/2018=1.377.
4. Luca S.V., Miron A., Aprotosoiaie A.C., Mihai C.-T., Vochita G., Gherghel D., Ciocarlan N., Skalicka-Woźniak K., 2019. *HPLC-DAD-ESI-Q-TOF-MS/MS profiling of Verbascum ovalifolium Donn ex Sims and evaluation of its antioxidant and cytogenotoxic activities*. Phytochemical analysis, 30(1): 34-45. ISSN: 0958-0344. FI/2018= 1.963.
5. Rosu C.M., Vochita G., Mihasan M., Avadanei M., Mihai C.T., Gherghel D., 2019. *Performances of Pichia kudriavzevii in decolorization, biodegradation, and detoxification of C.I. Basic Blue 41 under optimized cultural conditions*. Environ Sci Pollut Res. 26(1): 431-445. ISSN: 0944-1344. IF/2018=2.914.