		Curriculum Vitae
		Mustafa Ghanadian Associated Professor of Pharmacognosy
1	Personal details	Date of Birth: March 21, 1974 Isfahan, IRAN Address: Department of Pharmacognosy, Isfahan Faculty of Pharmacy, Isfahan University of Medical sciences, Hezar Jerib Ave., P.O. Box 81746 – 73461 Isfahan, Iran Email: <u>ghannadian@gmail.com</u> ; <u>ghanadian@pharm.mui.ac.ir</u> Phone No.: +989133167326 Fax No.: +983133344798
2	Academic qualifications	 PhD: 2010, in Pharmacognosy, from Isfahan Faculty of Pharmacy, Isfahan University of Medical Sciences, Isfahan, Iran Thesis Title: Isolation and structural studies of terpenoidal contents of <i>Euphorbia aellenii</i> and <i>Euphorbia microsciadia</i> Pharm D: 1999, in Pharmacy, from Isfahan Faculty of Pharmacy, Isfahan University of Medical Sciences, Isfahan, Iran Thesis Title: Formulation and Physicochemical evaluation of a typical deodorant stick
3	Fellowships and trainings	 -Fellowship and Training on isolation of lignanes and cumarines from <i>Daphne</i> Spp. and their structure elucidation in National Center for Natural Products Research (NCNPR), University of Mississippi, Oxford, MS, USA (Jun, 2018 till march 2019) -Fellowship on bio-inspired prenylation and Suzuki C-C coupling of flavonoids in National Center for Natural Products Research (NCNPR), University of Mississippi, Oxford, MS, USA (Jun, 2018 till march 2019) -Fellowship On isolation of macrocyclic diterpenes from <i>Euphorbia</i> spp. and their structure elucidation in International Center for Chemical and Biological Sciences (ICCBS), University of Karachi, Karachi, Pakistan (Feb 2008-Dec 2008)
4	Positions held	 2010-2012 Vice president of Isfahan Pharmaceutical Sciences Research Center 2011 -2016: Assistant professor of Pharmacognosy 2017 till now: Associated Professor of Pharmacognosy 2019 -2020: Vice president of Department of Pharmacognosy, Isfahan Faculty of Pharmacy 2020 :Section Editor of Iranian Journal of Pharmaceutical Research (phytochemistry section)
5	experiences	 Extraction and purification of secondary metabolites of medicinal plants using various techniques of chromatography Spectroscopic identification and molecular elucidation of natural products Standardization of herbal extracts Semi synthesis of flavonoids by impregnation, Semi synthesis of flavonoids by Suzuki coupling reaction, and Semi synthesis of flavonoids by Regioselective methods
6	Current Researches	 1-Isolation, synthesis, and Drug design form natural origin for diabetes 2- Isolation, synthesis, and Drug design form natural origin for breast cancer (antiaromatase) 3- Isolation, synthesis, and Drug design form natural origin for anxiety

7	Teaching experiences	Phytochemistry (Phenolic compounds and Flavonoids, Terpenoids and Steroids, Alkaloids, Fats) Instrumental analysis (chromatographic concepts,TLC scanner, HPLC, GC, Fluorescence, Atomic Absorption, UV and chemometrics, H-NMR, C-NMR, 2D-NMR, Mass) Control and Standardization of herbal medicines Isolation of natural products
8	Professional memberships	Iranian Association of Pharmaceutical Scientists The Iranian Society of Pharmacognosy
9	Publications	 The Iranian Society of Pharmacognosy Cytotoxicity and apoptosis assay of novel cyclomyrsinol diterpenes against breast cancer cell lines. F Rabbani, Z Yazdiniapour, M Ghanadian, B Zolfaghari, M Maleki. Medknow Publications.2022 Variation in a worldwide collection of fennel (Foeniculum vulgare var. vulgare). E Hosseini, MM Majidi, MH Ehtemam, M Ghanadian, C Huyghe. Crop and Pasture Science 72 (12), 1008-1021.2021 Anticancer Activity of Delphinium semibarbatum Alkaloid Fractions against LNCaP, and DU 145 Human Prostate Cancer Cells through the Intrinsic Apoptotic Pathway. M Lotfaliani, M Ghanadian, SA Ayatollahi, M Aghaei, F Kobarfard. Iranian Journal of Pharmaceutical Research 20 (4), 107-116. 2021 Changing in the production of anticancer drugs (vinblastine and vincristine) in Catharanthus roseus (L.) G. Don by potassium and ascorbic acid treatments. N Sahi, A Mostajeran, M Ghanadian. Plant, Soil and Environment. 2021 New Diterpene Compound from Euphorbia connate Boiss., 3,7,14,15- Tetraacetyl-5-Propanoyl-13(17)-Epoxy-8,10(18)-Myrsinadiene, Inhibits the Growth of OvarianMH Abdolmohammadi, F Fallahian, M Ghanadian, A Mirjani, M Aghaei. Nutrition and Cancer 73 (10), 2030-2038.2021 In Vitro and In Vivo Anti-Toxoplasma Activities of Dracocephalum kotschyi Extract in Experimental Models of Acute Toxoplasmosis. M Ghanadian, F Khamesipour, SH Hejazi, SM Razavi, H Sadraei,Acta Parasitologica, 1-9.2021 Mitochondrial Pro-Apoptotic Properties of Sinularia compressa from Persian Gulf against Breast Cancer Cells and Its Chemical. Omposition. PM Pour, A Yegdaneh, M Aghaei, F Kazemi, M Ghanadian. Nutrition and Cancer, 1-15.2021 Genetic variability for phytochemical components in fennel genotypes. ES Hosseini, MM Majidi, MH Ehtemam, M Ghanadian. Crop Science 61 (6), 4081-4086.2021 Altering Amino Acid Profile in (L.) G. Don Using Potassium and Ascorbic Acid Treatments. N Sahi, A Mostajeran, M
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11	Awards	Best Poster presentation award in 13 th Iranian Pharmaceutical Sciences Congress 2012, Sep, 3-6, 2012 Best inovation award in 17 th Motahhary Congress on Medical Education in Isfahan University of MedicalSciences,2014 Selected Young Researcher award, Isfahan University of Medical Sciences, 2014

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