

CURRICULUM VITAE

Date curriculum vitae prepared

1. PERSONAL INFORMATION:

Asa Ebrahimi

Department of Biotechnology and Plant Breeding, Islamic Azad University Sciences and Research Branch Tehran IRAN

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Languages: French, English, and Farsi

2. EDUCATION:

PHD IN GENETICS AND PLANT BREEDING, TOULOUSE, FRANCE. INSTITUT NATIONAL POLYTECHNIQUE DE TOULOUSE – ECOLE NATIONALE SUPERIEURE D'AGRONOMIE. TOULOUSE, FRANCE.

3. ACADEMIC EMPLOYMENT:

2009-2014 ASSISTANT PROFESSOR

4. HONORS AND AWARDS _____

5. PROFESSIONAL AFFILIATIONS AND SERVICES :

- **Member, of Scientific Association of Biotechnology (Islamic Azad University Sciences and Research Branch)**
- **Member, of Iranian Society of Corp and Plant Breeding Siences**
- **Member, of Iranian Biotechnology Society**
- **Member, of Iranian Genetics Society**
- **Reviewer of Journal of Genetic Novin (Academic Iranian Journal)**
- **Reviewer of 8th National Biotechnology congress of Iran**
- **Reviewer of first International and 9th National Biotechnology congress of Iran**

6. PUBLICATIONS:

- EBRAHIMI, A., MAURY, P., BERGER, M., GRIEU, P., SARRAFI, A. 2008. MAPPING QTLs FOR SEED QUALITY IN WATER-STRESS AND WELL-WATER CONDITIONS IN SUNFLOWER INBRED LINES. *GENOME*, 51: 599–615.
- EBRAHIMI, A. MAURY, P. BERGER, M. GRIEU, P. SARRAFI, A. 2009. GENETIC CONTROL OF PROTEIN CONTENT AND SEED CHARACTERISTICS UNDER WATER-STRESS CONDITION IN SUNFLOWER. *GENOME*, 52: 419–430.
- HADDADI, P. EBRAHIMI, A. LANGLADE, N.B. YAZDI-SAMADI , B. BERGER, M. CALMON, A. NAGHAVI, M. R. VINCOURT, P. SARRAFI , A. 2010. GENETIC DISSECTION OF TOCOPHEROL AND PHYTOSTEROL IN RECOMBINANT INBRED LINES OF SUNFLOWER THROUGH QTL ANALYSIS AND THE CANDIDATE GENE APPROACH. *MOLECULAR BREEDING*, 29:717–729.
- SHAHROKHI, M. KHORASANI, S. AND EBRAHIMI, A. 2011. GENERATION MEAN ANALYSIS FOR YIELD AND YIELD COMPONENTS IN MAIZE (*ZEAMAYS L.*). *JOURNAL OF PLANT PHYSIOLOGY AND BREEDING*, 1(2): 59-72.
- PAYAM POUR MOHAMMADI, AHMAD MOIENI, ASA EBRAHIMI, FARZAD JAVIDFAR. 2011. DOUBLED HAPLOID PLANTS FOLLOWING COLCHICINE TREATMENT OF MICROSPORE-DERIVED EMBRYOS OF OILSEED RAPE (*BRASSICA NAPUS L.*). *PLANT CELL TISS ORGAN CULT.* DOI 10.1007/s11240-011-0036-2.
- ASA EBRAHIMI, AHMAD SARRAFI. 2012. GENETIC VARIABILITY AND IDENTIFICATION OF MARKERS ASSOCIATED WITH GERMINATION PARAMETERS IN GAMMA-IRRADIATION INDUCED MUTANTS OF SUNFLOWER UNDER WATER STRESS CONDITION. *IRANIAN JOURNAL OF GENETICS AND PLANT BREEDING*,.1(2): 1-8.
- GHOLIZADEH GHARA, A. NEMATZADEH, G. BAGHERI, N. EBRAHIMI, A. AND OLADI, M. 2012. EVALUATION OF GENERAL AND SPECIFIC COMBINING ABILITY IN PARENTAL LINES OF HYBRID RICE. *INTERNATIONAL JOURNAL OF AGRICULTURE: RESEARCH AND REVIEW*. 2 (4), 455-460.
- GHOLIZADEH GHARA, A. NEMATZADEH, G. BAGHERI, N. EBRAHIMI, A. AND OLADI, M. 2012. MOLECULAR AND CYTOLOGICAL EVALUATION OF MALE STERILE AND RESTORER LINES IN HYBRIDS RICE. *INTERNATIONAL RESEARCH JOURNAL OF APPLIED AND BASIC SCIENCE*. 3 (1), 183-189.
- A. NEGAHI, A. SARRAFI, A. EBRAHIMI, P. MAURY J.M. PROSPÉRI, C. BEN AND M. RICKAUER. 2012. GENETIC VARIABILITY OF TOLERANCE TO *VERTICILLIUM ALBO-ATRUM* AND *VERTICILLIUM DAHLIAE* IN *MEDICAGO TRUNCATULA*. *EUROPEAN JOURNAL OF PLANT PATHOLOGY*, DOI: 10.1007/s10658-012-0148-5.
- REZA DRIKVAND, MOHAMMAD REZA BIHAMTA, GOODARZ NAJAFIAN & ASA EBRAHIMI. INVESTIGATION OF GENETIC DIVERSITY AMONG BREAD WHEAT CULTIVARS (*TRITICUM AESTIVUM L.*) USING SSR MARKERS. 2013. *JOURNAL OF AGRICULTURAL SCIENCE*. 5: 122-129.
- MOHSEN SHAHROKHI, SAEED KHAVARI KHORASANI AND ASA EBRAHIMI. 2013. STUDY OF GENETIC COMPONENTS IN VARIOUS MAIZE (*ZEAMAYS L.*) TRAITS, USING GENERATION MEAN ANALYSIS METHOD. *INTERNATIONAL JOURNAL OF AGRONOMY AND PLANT PRODUCTION*. 4 (3): 405-412.

- O NEGAHI, BEN, L. GENTZBITTEL, P. MAURY, A. R. NABIPOUR, A. EBRAHIMI, SARRAFI AND M. RICKAUER. 2013. QUANTITATIVE TRAIT LOCI ASSOCIATED WITH RESISTANCE TO A POTATO ISOLATE OF VERTICILLIUM ALBO-ATRUM IN MEDICAGO TRUNCATULA. PLANT PATHOLOGY. DOI: 10.1111/ppa.12100
- O REZA DRIKVAND, MOHAMAD REZA BIHAMTA, GOODARZ NAJAFIAN AND ASA EBRAHIMI. 2013. KERNEL QUALITY ASSOCIATION AND PATH ANALYSIS IN BREAD WHEAT. INTERNATIONAL JOURNAL OF BIOLOGY. 5 (3): 73-79.
- O F. NIKHOU, A. EBRAHIMI AND M. SHIRI. 2013. GENETIC DIVERSITY ASSESSMENT AMONG MAIZE HYBRIDS WITH USING SSR MARKERS. TECHNICAL JOURNAL OF ENGINEERING AND APPLIED SCIENCES. 3831-3834.
- O REZA DIVAN, SAEED KHAVARI KHORASANI , ASA EBRAHIMI , SAEED BAKHTIARI. 2013, STUDY ON COMBINING ABILITY AND GENE EFFECTS IN INBRED LINES AND SINGLE CROSS HYBRIDS OF FORAGE MAIZE (ZEA MAYS L.). INTERNATIONAL JOURNAL OF AGRONOMY AND PLANT PRODUCTION. 4 (6): 1290-1297.
- O HOSSEIN MEHRIPOUR, ABOLFAZL RASHIDI, MEHDI ZAHRAVI AND ASA EBRAHIMI. 2014. STUDY OF RELATIONSHIP BETWEEN RELATED YIELD TRAITS USING CORRELATION AND REGRESSION IN WILD BARLEY (HORDEUM MURYNUM). INTERNATIONAL JOURNAL OF ADVANCED BIOLOGICAL AND BIOMEDICAL RESEARCH. 2 (6): 2120-2126.
- O FARDIN ALIMARDANI, SEPIDEH TORABI, MOHAMMAD REZA NAGHAVI, ASA EBRAHIMI. 2014. STUDY CYTOLOGICAL AMONG SOME TRIFOLIUM SPECIES OF IRAN. INTERCIENCIA 39 (4), 147-151.
- O EBRAHIMI, A. SARRAFI, A. 2014. GENETIC VARIABILITY AND QTL MAPPING FOR SEED GERMINATION PARAMETERS UNDER DROUGHT STRESS IN SUNFLOWER. JOURNAL OF PLANT PHYSIOLOGY AND BREEDING. 4(1): 47-61.
- O R. TAVAKOLI BANIZI, A. IMANI, M. ZEINALABEDINI, M. RASOULI, A. EBRAHIMI, S. PIRI. 2013. THE STUDY OF PHENOTYPIC VARIATION OF 'SHAHROOD' × 'SHAHROOD' POPULATION AND THEIR COMPARISON WITH THE PARENTS USING MORPHOLOGICAL MARKERS. JOURNAL OF NUTS. 4 (4): 25-31.
- O R. TAVAKOLI BANIZI, A. IMANI, M. ZEINALABEDINI, A. EBRAHIMI, S. PIRI. 2014. THE MORPHOLOGICAL ANALYSIS OF 'SHAHROOD1' × 'SHAHROOD12' POPULATION WITH THEIR PARENTS. INTERNATIONAL JOURNAL OF BIOSCIENCES. 5 (12): 320-330.
- O R. TAVAKOLI BANIZI, A. IMANI, M. ZEINALABEDINI, A. EBRAHIMI , S. PIRI. 2015. GENETIC MAPPING OF BLOOMING TIME IN 'MARCONA' × 'FRAGNESS' POPULATION WITH USING MOLECULAR MARKERS. JOURNAL OF NUTS 6(1):57-65.
- O ATEFEH FARVARDIN, ASA EBRAHIMI, MAHMOOD KHOSROSHAHLI AND BATOOL HOSSEINPOUR. 2016. EFFECTS OF GROWTH REGULATORS ON CALLUS INDUCTION AND SECONDARY METABOLITE PRODUCTION IN CUMINUM CYMINUM. JOURNAL OF NATURAL PRODUCT RESEARCH. 17(31): DOI: 10.1080/14786419.2016.1272105

- O FEREYDOON BONDARIAN, ASA EBRAHIMI, FROUZANDEH MAHJOUBI, ESLAM MAJIDIHERVAN, REZA AZADI GONBAD. 2018. EVALUATION OF BIOCHEMICAL CONSTITUENTS AND INHIBITORY EFFECT OF TEA CLONE 100 ON COLORECTAL CANCER CELL LINE HCT-116. TROPICAL JOURNAL OF PHARMACEUTICAL RESEARCH. 17(6): 1033-1041.
- O SOLEIMANI GEZELJEH ALI, REZA DARVISHZADEH, ASA EBRAHIMI, MOHAMMAD REZA BIHAMTA. 2018. IDENTIFICATION OF SSR AND RETROTRANSPOSON-BASED MOLECULAR MARKERS LINKED TO MORPHOLOGICAL CHARACTERS IN OILY SUNFLOWER (*HELIANTHUS ANNUUS L.*) UNDER NATURAL AND WATER-LIMITED STATES. JOURNAL OF GENETICS. 97(1):189-203.
- O THE EFFECT OF TiO₂ AND SiO₂ NANOPARTICLES AND SALINITY STRESS ON EXPRESSION OF GENES INVOLVED IN PARTHENOLIDE BIOSYNTHESIS IN FEVERFEW (*TANACETUM PARTHENIUM L.*). MAHSHID KHAJAVI , MAHDI RAHAIE AND ASA EBRAHIMI. 2017. AGRIMENT PUBLISHING
- O REZA MIR DRIKVAND, GOODARZ NAJAFIAN , MOHAMMAD REZA BIHAMTA , ASA EBRAHIMI. 2018. MAPPING SOME SEED QUALITY TRAITS IN BREAD WHEAT (*TRITICUM AESTIVUM L.*) BY ASSOCIATION MAPPING USING SSR MARKERS. APPLIED BIOTECHNOLOGY REPORTS J. 5 (3): 92-99.
- O FEREYDOON BONDARIAN, ASA EBRAHIMI, FROUZANDEH MAHJOUBI., ESLAM MAJIDI HERVAN, REZA AZADI GONBAD. 2019. EVALUATION OF PHYTOCHEMICAL CONTENT OF WHITE TEA CLONE 100 AND CHANGES THE EXPRESSION OF TUMOR SUPPRESSOR GENES ON COLORECTAL CANCER CELL LINE HCT116. PHARMACOGN. RES. 11(2): 224-229
- O MORTEZA AZADIA, ASA EBRAHIMIA, AZAD KHALEDIB,C, DAVOUD ESMAEILI .2019. STUDY OF INHIBITORY EFFECTS OF THE MIXTURE OF CINNAMON AND GINGER EXTRACTS ON CAGAGENE EXPRESSION OF *HELICOBACTER PYLORIBY* REAL-TIME RT-PCR. TECHNIQUE GENE REPORTS JOURNA.

7. CONFERENCE PRESENTATIONS :

- EBRAHIMI, A., MAURY, P., BERGER, M., GRIEU, P., SARRAFI, A. 2007. MAPPING QTLs FOR GRAIN OIL AND FATTY ACIDS CONTENTS IN WATER STRESS AND WELL WATER CONDITIONS IN SUNFLOWER RECOMBINANT INBRED LINES. IN PROCEEDING OF THE 4TH GERLI LIPIDOMICS MEETING - LIPOPROTEINS AND LIPID MEDIATORS. TOULOUSE, FRANCE
- EBRAHIMI, A., NABIPOUR, A., MAURY, P., GRIEU, P., SARRAFI, A. 2007. EVALUATION OF QTLs FOR SEED QUALITY IN SUNFLOWER INBRED LINES. IN PROCEEDING OF THE 5TH NATIONAL BIOTECHNOLOGY CONGRESS OF IRAN.
- EBRAHIMI, A., MAURY, P., BERGER, M., GRIEU, P., SARRAFI, A. 2008. GENETIC IMPROVEMENT OF OIL QUALITY IN SUNFLOWER MUTANTS UNDER WATER STRESS

CONDITION. IN PROCEEDING OF THE 17TH INTERNATIONAL SUNFLOWER CONFERENCE OF SPAIN.

- EBRAHIMI, A., SARRAFI, A. 2010. GENETIC VARIABILITY OF GERMINATION PARAMETRES IN SUNFLOWER MUTANTS UNDER DROUGHT STRESS. IN PROCEEDING OF THE 8TH EUROPEAN SUNFLOWER BIOTECHNOLOGY CONFERENCE OF TURKEY.
- EBRAHIMI, A., AYERDI GOTOR, A., BERGER, M., CALMON, A., SARRAFI, A. 2010. GENETIC ANALYSIS AND QTL MAPPING OF TOCOPHEROL AND PHYTOSTEROL UNDER DROUGHT CONDITION IN SUNFLOWER. IN INTERNATIONAL SYMPOSIUM ON PLANT PRODUCTIVITY. PETERBOROUGH, CANADA.
- NEGAHI, A., BEN, C., PROSPÉRI, J., GENTZBITTEL, L., EBRAHIMI, A., SARRAFI, A., RICKAUER, M. 2012. GENETIC VARIABILITY OF TOLERANCE TO VERTICILLIUM ALBO-ATRUM (VAA) AND VERTICILLIUM GAHALIAE (VD) IN MEDICAGO TRUNCATULA. IN 64TH INTERNATIONAL SYMPOSIUM ON CROP PROTECTION. IN GHENT (BELGIUM).
- MOHSEN SHAHROKHI, SAEED KHAVARI KHORASANI AND ASA EBRAHIMI. 2012. GENERATION MEAN ANALYSIS FOR SOME OF MORPHOLOGICAL TRAITS, YIELD AND YIELD COMPONENT IN EARLY MATURITY HYBRID KSC 400 MAIZE (ZEA MAIZE L.). IN INTERNATIONAL SEMINAR ON AGRIBUSINESS OF MAIZE – LIVESTOCK INTEGRATION. GORONTALO, SULAWESI, INDONESIA.
- ASA EBRAHIMI, ALI MAFAKHERIE, AMIRHOSSEIN FARTASH. 2013. GENETIC CONTROL AND QTL ANALYSIS OF SEED GERMINATION PARAMETERS UNDER COLD STRESS IN SUNFLOWER. IN 8TH NATIONAL BIOTECHNOLOGY CONGRESS OF IRAN.
- TORKASHVAND, M; . VATANPOUR AZGHANDI A.; ZEINOLABEDINI, M.; ABDOLLAHI, H. AND EBRAHIMI, A. 2013. EFFECTS OF GENOTYPE AND BASAL CULTURE MEDIA ON GROWTH AND SHOOT PROLIFERATION OF QUINCE (CYDONIA OBLANGA MILL). IN 2END NATIONAL CONFERENCE ON NEW CONCEPTS IN AGRICULTURE, IRAN.
- ALI MAFAKHERI, AMIRHOSSEIN FARTASH, ASA EBRAHIMI, NARGES VASEJI, ABDOLLAH HOSSIENI, AMIR MEIMANDI POUR. 2013. ISOLATION AND IDENTIFICATION NATIVE FUNGI WHICH PRODUCE PHYTASE FROM SOIL OF DIFFERENT PART OF ALBORZ STATE. IN 2END NATIONAL CONFERENCE ON NEW CONCEPTS IN AGRICULTURE, IRAN.
- OMID RAMEZANI, ASA EBRAHIMI, ALIREZA NABIPOUR , MOHAMMAD NOROZI . INVESTIGATION ON THE DIRVERSITY OF GENES FOR RESISTANCE TO BIOTIC AND ABIOTIC STRESSES IN IRANIAN RICE (ORIZA SATIVA L.) GERMPLASMS. 2014. IN 1ST INTERNATIONAL & 13TH IRANIAN GENETICS CONGRES.
- SEYEDEH FATEMEH MOZAFFARZADEH, BATOOL HOSSEINPOUR, ASA EBRAHIMI, SEYED, MOHAMMAD SHETAB BOUSHEHRI, SEPIDEH TORABI. THE EFFECTS OF DIFFERENT CULTURE MEDIA AND VARIOUS CONCENTRATIONS OF BANZYL ADENINE ON IN VITRO PROLIFERATION OF RASPBERRY (RUBUS IDAEUS). 2014. 1ST INTERNATIONAL & 13TH IRANIAN GENETIC CONGRES.

- A. NEGAHI, A. SARRAFI, A. EBRAHIMI, S.M. JAVADI, L. GENTZBITTEL, C. BEN AND M. RICKAUER. CHARACTERIZATION OF QUANTITATIVE TRAIT LOCI FOR RESISTANCE TO A POTATO ISOLATE OF VERTICILUM ALBO-ATRUM IN MEDICAGO TRUNCATULA. 2014. IN 66TH INTERNATIONAL SYMPOSIUM ON CROP PROTECTION. GENT (BELGIUM).
- A. NEGAHI, A. SARRAFI, A. EBRAHIMI, S.M. JAVADI, Z. NEGAHI, L. GENTZBITTEL, C. BEN AND M. RICKAUER. THE EFFECT OF VERTICILLIUM ALBO-ATRUM-V31-2 ISOLATE ON PHOTOSYNTHESIS IN MEDICAGO TRUNCATULA. 2014. IN 66TH INTERNATIONAL SYMPOSIUM ON CROP PROTECTION. GENT (BELGIUM)
- AMIR HOSSEIN FARTASH, ALI MAFAKHERI, AMIR MEIMANDIPOUR, ABDOLLAH HOSSIENI, ASA EBRAHIMI. INVESTIGATION OF ENVIRONMENTAL EFFECTS OF PHYTASE ACTIVITY IN TWO STRAINS OF E.CAROTOVORA AND B.SUBTILIS. 2014. 1ST INTERNATIONAL & 13TH IRANIAN GENETIC CONGRES.
- AMIR HOSSEIN FARTASH, ALI MAFAKHERI, AMIR MEIMANDIPOUR, ABDOLLAH HOSSIENI, ASA EBRAHIMI. ISOLATION AND IDENTIFICATION OF PHYTASE PRODUCIBLE BACTERIAL FROM ENVIRONMENTAL SAMPLES. 2014. 1ST INTERNATIONAL & 13TH IRANIAN GENETIC CONGRES.
- ALI MAFAKHERI, AMIR HOSSEIN FARTASH, AMIR MEIMANDIPOUR, ABDOLLAH HOSSIENI, ASA EBRAHIMI. INVESTIGATION OF ENVIRONMENTAL IMPACT IN PHYTASE PRODUCTION IN FUSARIUM OXYSPORUM AND ASPERGILLUS NIGER. 2014. 1ST INTERNATIONAL & 13TH IRANIAN GENETIC CONGRES.
- ATEFEH FARVARDIN, ASA EBRAHIMI, BATUL HOSSEINPOUR, MAHMOOD KHOSROWSHAHLI. EFFECTS OF GROWTH REGULATORS ON CUMINUM CYMINUM CALLUS INDUCTION. 2015, FIRST INTERNATIONAL AND 9TH NATIONAL BIOTECHNOLOGY CONGRESS OF IRAN.

8. TEACHING EXPERIENCE :

MOLECULAR GENETIC
GENETIC ENGINEERING
CELL BIOLOGY

9. TEACHING INTERESTS :

- Molecular mapping, Quantitative trait loci (QTL), association mapping
- Gene Expression profile in response to abiotic stress in corps
- Genetic engineering for biotic and abiotic stress tolerance
- Plant secondary metabolites biosynthesis