

Neda Nikvash
Ph. Dr. in Industrial Biotechnology
nikvash.neda@gmail.com



Personally identifiable information:

Name & Surname	· Neda Nikvash/ Kolesara
Date and place of birth	· 11/02/1969, Talesh Gilan, Iran
Nationality	· Iranian
Academic Degree	· PhD in Molecular Wood Biotechnology and Technical Mycology
Marital Status	· Married
No. of children	· 1
Country of citizenship	· Iran
Telephone	· +98 9121185066

Work Experience:

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| 2017-2023 | • Funder and CEO of Westa Open Innovation Center (www.westaaic.ir) @westa_oic , founder of Westa University of Applied Science |
| 2013-2017 | • Head of R&D of Westatech GmbH, Germany, |
| 2013-2016 | • Manager, team leader and consult at OCCIP LLC, GmbH in the field of industrial biotechnology, wood and paper, enzyme production and agriculture |
| 2012-2013 | • Established new branch (Chouka AS branch) and field at the University of Applied Sciences, Iran wood and paper industry (Chouka), work as lecturer and the university's president; Chouka Iran Wood & Paper Industries Inc. |
| 2006-2009 | • University lecturer, in different fields such as: tissue culture, general biology, Cytology, ecology principles |
| 1995-2007 | • CEO of Engineering Peysaz Andish Company (EPAC), fields of company's activities: To export and import authorized commercial goods, to receive and give agency from/to internal and foreign companies, to establish branches inside and outside of the country, to present plan, counseling and execution of contractual engineering service in the fields of construction project, green area, man-made jungles. To participate in tender of public and private sector |

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1993-1996

- Green space expert and manager of department municipal services and green spaces in Tehran city, municipality region 2, Responsibility: Maintenance and construction of urban green space, man-made jungles and city parks by leading a team of the workers and green space engineers

Education:

- 2009-2012 • **Philosophy of doctor (PhD)** in Molecular Wood Biotechnology and Technical Mycology, Department of Molecular Wood Biotechnology Georg-August-University of Goettingen, Germany
- 2008-2009 • **MSC in Biology**, Büsgenweg 2, Forest faculty, Georg-August-University of Goettingen, Germany
- 2003-2006 • **M.Sc. in Plant Biology: MSC** Biology Faculty of Nour Tehran University; Thesis: Classical and modern methods of reproduction yew (*Taxus baccata* L.), with score 20 (of 20) honors degree
- 1988-1992 • **B.Sc. in Plant science:** Science Faculty of Uromia University, Uromia, Iran, dissertation: Allelopathic effects of *Nepeta* on *Cuscuta* seeds with score 20 (of 20), honors degree

List of Publications:

Five scientific articles:

- Asareh M.H., **Nikvash, N.**, Ghorbanli M., Ghamari Zare A. (2006): Investigation on anatomical structure of yew cuttings rooting and reasons of their hard and late rooting, article published in Pajouhesh & Sazandegi: No 74, pp.: 114-123.
- **Nikvash, N.** Asareh MH, Ghorbanli M., Ghamari Zare A. (2007): Mass production of common yew plantlets by embryo culture technique, article published in Pajouhesh & Sazandegi: No 71, pp: 26-32.
- **Nikvash, N.**, Kraft, R., Kharazipour, A. and Euring, M. (2010): Comparative properties of bagasse, canola and hemp particle boards. Eur. J. Wood Prod., published online with open access at Springerlink.com, 2010-07-23.

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- **Nikvash, N.¹, Kharazipour, A.¹**

Biotechnology application in wood industry: utilization of phenol oxidase enzyme as a renewable binder in MDF manufacture, submitted in Iranian Journal of Wood and Paper Science Research, accepted: December 2011.

- **Nikvash, N., Kharazipour, A. and Euring, M.**

Effects of Wheat protein as a bio binder in the manufacture of particleboards using a mixture of Canola, Hemp, Bagasse and

commercial wood, published in the Forest Products Journal V62 N1, 49-57 pp., August 2012.

- **Nikvash, N., Kharazipour, A. and Euring, M.**

Low density particleboards with different kind of annual plants by UF/wheat protein adhesives, published by Holztechnology Journal, on February 2013.

- **Nikvash, N., Kharazipour, A.**

Abstract: Wheat protein as a bio binder, poster presenter in 66th international convention, June 2012, Washington DC, USA.

- **Nikvash, N., Euring, M. & Kharazipour, A.**

Use of MUF Resin for improving the Wheat protein binder in particleboards made from agricultural residues, Journal of Materials Science Research; Vol. 2, No. 2; 2013, ISSN 1927-0585 E-ISSN 1927-0593, Published by Canadian Center of Science and Education, Published: March 24, 2013, doi:10.5539/jmsr.v2n2p126, URL: <http://dx.doi.org/10.5539/jmsr.v2n2p126>.

Language Proficiency:

- **Persian:** mother language
- **English:** very good (certificate with IELTS test centre of British Embassy in Tehran), 4 academic years study in English, both written and speaking
- **German:** Excellent knowledge of Germany, both written and speaking
- **Azerbaijani:** speaking: very good; reading: good
- **Turkish:** speaking, listening
- 3 different languages in North of Iran: Taleshi, Turki, Gilaki

Training Workshops:

- **2013:** Project Management Course: 35 hours course in the project management based on PMBOK: 2013 standard, in Industrial relation Office in Sharif University, Tehran

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- **2009:** Workshop on Scientific and English Writing, held in March-April 2009 at the Georg-August-University of Goettingen, Germany
- **2006:** Workshop of produce of *Taxus* spp., (2006), Research Institute of Forests & Rangelands, Tehran
- **1993-1992:** Workshop in computer's skills (office and statistic software)
- **1992:** Workshop in statistic analysis of Allelopathic effect of *Nepeta* on *Cuscuta* seed, Science Faculty of Uromia University

Special courses:

- Cloning Conference, School of Public Health, Tehran University of Medical Science, 2006
- Bioinformatics in Biotechnology course, Pasteur Institute, Tehran, 2007
- Challenges and solutions for good scientific writing, editing and developing good abstracts and writing tips, effective poster, presentation and discussion, led by Prof. Tom Hammett, Virginia Tech, USA, 2009
- Spatial and temporal variation of genetic structures in tree populations led by Prof. Dr. Finkeldey from Georg-August-University of Goettingen & Prof. Dr. Krutovski from A & M University of Texas, 2009

Award:

- Full PhD scholarship by German Academic Exchange Service (DAAD)
- Grant for participation for summer school on "Sustainable Biomass Production by Woody Plant System", by German Research Center for Environmental Health
- Grant for participation on 66th international convention, June 2012, Washington DC, USA, by the international office of Georg-August-University of Goettingen
- The winner women entrepreneur award at the 1th Iranian Women Entrepreneurs Awards, presented by women of influence in national congress of influence women 2023,