

RESUME

Name: Dr. Rasoul Shafiei

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Education:

<u>Degree</u>		<u>Year</u>
B.Sc. Microbiology	University of Isfahan, Iran	2000
M.Sc. Microbiology	University of Isfahan, Iran	2003
Ph.D. Biology	Walloon center for industrial Biology, University of Liege, Liege, Belgium. Dr. Philippe Thonart	2013

Experience:

<u>Organization</u>	<u>Position</u>	<u>Duration</u>
Department of Biology Faculty of Science University of Isfahan Isfahan, IRAN	Assistant Professor	Feb. 2013-Present
Department of Biology, University of Liege, Liege, Belgium	Ph.D. Student	June. 2008-Feb. 2013
Biotechnology Lab, Department of Chemical Engineering, University of Isfahan, Isfahan, Iran	Laboratory assistant	June 2005- Feb 2008

Expertise Areas:

- ❑ Industrial Microbiology and Biotechnology
- ❑ Food Microbiology
- ❑ Biochemistry

Research Interests:

- ❑ Improvement of microbial process for biological products (e.g, Fuels, Baker`s yeasts, Enzymes so on)
- ❑ Probiotics and Prebiotics (Production and stability)
- ❑ Starter cultures (Production and stability)

Awards and Recognitions:

2012-2013: awarded a research grants from the University of Liege, Belgium

Publications:

- ❑ Journal Paper:
 1. Majid Mounir, Rasoul Shafiei, Raziye zarmehrkorshid, Allal Hamouda, Mustapha Ismaili Alaoui, Philippe Thonart. (2015). Simultaneous production of acetic and gluconic acids by thermotolerant *Acetobacter* strain during acetous fermentation in Bioreactor. Journal of Bioscience and Bioengineering. Accepted article.
 2. Shafiei, R., et al., The role of protein modifications in senescence of freeze-dried *Acetobacter senegalensis* during storage. Microb Cell Fact, 2014. 13(1): p. 26.
 3. Shafiei, R., F. Delvigne, and P. Thonart, Flow-cytometric assessment of damages to *Acetobacter senegalensis* during freeze-drying process and storage. Acetic Acid Bacteria, 2013. 2(1s): p. e10.
 4. Shafiei, R., et al., Evaluation of viability and growth of *Acetobacter senegalensis* under different stress conditions. Int J Food Microbiol, 2013. 163(2-3): p. 204-13.
 5. Keivan Beheshtimaal, Rasoul Shafiei, A Thermotolerant *Acetobacter* strain isolated from Iranian peach suitable for industrial microbiology. Asian Journal of Biological Sciences, 2011. 4: 244-251.
 6. Keivan Beheshtimall, Rasoul Shafiei, Noshin kabiri, Production of apricot vinegar using an isolated *Acetobacter* strain from Iranian apricot. International journal of biological and life science, 2010; 6(4): 177
 7. Shafiei Rasool, Nahvi Iraj, Emtiazi Giti, Bioconversion of Raw Starch to SCP by Coculture of *Cryptococcus aerius* and *Saccharomyces cerevisiae*. Journal of Biological Sciences, 2005. 5(6): 717-723.
 8. Rasoul Shafiei, Iraj Nahvi, Giti Emtiazi, Trehalose production by a starch assimilating yeast *Cryptococcus aerius*. Biotechnology, 2005. 4(4): 279-283.
- Conference Paper:
 1. Oral presentation in 20th Symposium of Applied Biological Sciences. Jan 2015. U Belgium. Université catholique de Louvain. Belgium.
 2. Poster presentation in in 20th Symposium of Applied Biological Sciences. Jan 2015. Université catholique de Louvain. Belgium.

3. Poster presentation in scientific day: Sustainable Materials and Methods (Procédés Et Matériaux Durables). Nov 2013. University of Liège. Belgium.
4. Poster presentation in international conference: How Dead is Dead III: Life Cycles. June 2013. Technical University of Berlin, Germany.
5. Oral presentation in international conference: Biotechnological and Biological Sciences. July 2013. World Academy of Science, Engineering and Technology. Zurich. The Switzerland.
6. Oral presentation in "The third international conference of acetic acid bacteria (AAB 2012)". April 2012. University of Cordoba, Spain.
7. Poster presentation in international conference: Société Française de Génie des Procédés. Nov. 2011. Lille, France.

Editorial Activities:

1. Biological Journal of Microorganism (IRAN)
2. Iranian journal of Biology (IRAN)

Courses Taught:

a) Undergraduate Level

1. Industrial Microbiology
2. Biotechnology
3. Food Microbiology
4. Microbial Biochemistry

b) Graduate Level

□ M.Sc. Level:

1. Biotechnology
2. Microbial Ecology (Extremophiles)