

# Sharareh Rezaeian

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## *Education*

- PhD student in Plant Physiology, Science and Research Branch, Islamic Azad University, Tehran, Iran, 2012-2016.
- MSc. in Plant Physiology, Islamic Azad University-Mashhad Branch, Mashhad, Iran, 2010-2012.
- BSc. in Biology, Ferdowsi University of Mashhad, Mashhad, Iran, 2008-2012.

## *Publications*

### *i. Full Papers Indexed in ISI (Journal Citation Report)-Thomson Reuters*

1. **Rezaeian S-H**, Attaran S, Pourianfar HR\*. 2016. Time-kill kinetics and antibacterial activity of crude methanolic extract of *Thymus daenensis* Celak. **Biomedical Research**, 27: 489-493.
2. Soltanian H, **Rezaeian S-H**, Shakeri S, Janpoor J, Pourianfar HR\*. 2016. Antibacterial activity of crude extracts and fractions from Iranian wild-grown and cultivated *Agaricus* spp. **Biomedical Research**, 27: 56-59.
3. **Rezaeian S-H**, Saadatmand S, Nejad Sattari T, Mirshamsi A. 2016. Antioxidant potential and other medicinal properties of edible mushrooms naturally grown in Iran. **Biomedical Research** 27: 240-247.
4. **Rezaeian S-H**, Saadatmand S, Nejad Sattari T, Mirshamsi A. 2015. Antioxidant potency of Iranian newly cultivated wild mushrooms of *Agaricus* and *Pleurotus* species. **Biomedical Research** 26: 534-542.
5. Tajalli F, Malekzadeh K, Soltanian H, Janpoor J, **Rezaeian S-H**, Pourianfar HR\*. 2015. Antioxidant capacity of several Iranian wild and cultivated strains of the button mushroom. **Brazilian Journal of Microbiology**, 46: 769-776.

- ii. Full Papers Indexed in PubMed, ISC, or Chemical Abstracts
6. **Rezaeian S-H**, Pourianfar HR\*. 2016. Antimicrobial properties of the button mushroom, *Agaricus bisporus*: A mini-review. **International Journal of Advanced Research**. 4: 426-429.
  7. **Rezaeian S-H**, Pourianfar HR\*. 2016. The potential anticancer compounds from the button mushroom *Agaricus bisporus*. **International Journal of Advanced Research**. 4: 290-293.
  8. **Rezaeian S-H**, Pourianfar HR\*, Janpour J. 2016. Collection and identification of Iranian wild mushrooms: towards establishment of a mushroom bio-bank. **International Journal of Advanced Research**. 4: 256-260.
  9. **Rezaeian S**, Hamid Reza Pourianfar, Javad Janpoor. 2015. Antioxidant properties of several medicinal plants growing wild in northeastern Iran. **Asian Journal of Plant Science and Research**, 5: 63-68.
  10. **Rezaeian S-H**, 2011. Assessment of diosgenin production by *Trigonella foenum-graecum* L. in vitro condition . **American Journal of Plant Physiology**, 6: 261-268.
  11. **Rezaeian S-H**, Lahooti M, Mahmoodzadeh Akherat H. 2010. A study of different concentrations of hormone 2, 4 D and light on callus of *Trigonella foenum-graecum* L in vitro. **The Iranian Journal of “The Quarterly Journal of Animal Physiology and Development”** with English abstract, ISSN: 1735-9880, 3: 107-114.

### ***Presentations***

1. **Rezaeian S-H**, Pourianfar HR. 2016. Antioxidant potency of Iranian wild medicinal mushrooms. The 8<sup>th</sup> International Congress of Laboratory & Clinic, Iranian Scientific Association of Clinical Laboratory, Tehran, Iran, 8-10 February 2016 (**poster presentation**).
2. Pourianfar HR\*, **Rezaeian S-H**, Janpour J, Ahmadzadeh H. 2015. In vitro anti-cancer potential and chemical analysis of *Agaricus bisporus*. Abstract indexed in **The Avicenna Journal of Phytomedicine (AJP)**, Supplemented issue.
3. **Pourianfar HR\***, Rezaeian S-H, Soltanian H, Shakeri A. 2016. Antibacterial potency of Iranian cultivated and wild *Agaricus* spp. mushrooms: towards isolation and identification of antibacterial compounds from *Agaricus bisporus*.

The 8<sup>th</sup> International Congress of Laboratory & Clinic, Iranian Scientific Association of Clinical Laboratory, Tehran, Iran, 8-10 February 2016 (**poster presentation**).

### ***Research interests***

- Extraction, identification and purification of mushroom and plant-derived bio active compounds
- Study of enhancement of nutritional and medicinal contents of mushrooms
- Study of medicinal properties of mushrooms

### ***Teaching Experiences***

- Teaching in a workshop on mushroom science, ACECR-Mashhad Branch, Mashhad-Iran, 2015 March.

### ***Skills***

- Chemical, Biochemical and Cellular antioxidant assays
- Human and animal cell cultures
- Anticancer experiments
- Mushroom cultivation
- Plant and fungi cell culture
- Microbiological and mycological techniques

### ***Language skills***

- Fluent in English

### ***References***

- Dr. Homa Mahmoodzadeh Akherat, , Islamic Azad University-Mashhad Branch, Mashhad, Iran, Email: h.mahmoodzadeh@mshdiau.ac.ir
- Dr. Mehrdad Lahooti, Ferdowsi University of Mashhad, Faculty of Science, Email: mlahouti@um.ac.ir
- Dr. Taher Nezahd Sattari, Science and Research Branch, Islamic Azad University, Tehran, Iran.
- Dr. Sara Saadatmand, Science and Research Branch, Islamic Azad University, Tehran, Iran. Email: s-saadatmand@yahoo.com

**Last revised: May  
9, 2016**