

## Curriculum vitiate



**Maryam Chalabi**

**Position:** Assistant professor

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## **Education**

### **1. PhD in Medical science technologies (2012-2018)**

*Kermanshah University of Medical Sciences, Medical Biology Research Center.*

### **2. MSc in Microbiology (2004-2007)**

*Isfahan University of Medical science, Microbiology Department.*

### **3. BSc in Laboratory sciences (1999-2001)**

*Kerman University of Medical science.*

### **4. Undergraduate in Laboratory sciences (1988-1990)**

*Isfahan University of Medical science.*

## **Honors and awards**

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|---------------------------|------|
| 1. Outstanding employee   | 1990 |
| 2. Outstanding employee   | 1992 |
| 3. Outstanding researcher | 2009 |

## **Research Experiences:**

1. Gas chromatography (GC)
2. Polymerase chain reaction (PCR), Nested PCR, Multiplex PCR
3. Cell culture

4. Chromatography (Ion exchange, Affinity, Gel filtration)
5. Gel Electrophoresis (SDS-Page, 2D gel electrophoresis)
6. ELISA
7. Western blotting (Immunoblot)

### **Publications**

1. Mostafaie A, Bahrami Gh, **Chalabi M.** Effect of fermentation temperature and different *Streptococcus thermophilus* to *Lactobacillus bulgaricus* ratios on Kermanshahi roghan and yoghurt fatty acid profiles. J Dairy Res. 2018, 13:1-4.
2. **Chalabi M.**, Bahrami Gh., Mostafaie A. Kermanshahi roghan and yoghurt: Comparison of fatty acid profiles and lipid qualities. Int. J. Dairy Tech. 2018, 70:1-5.
3. Bagheri F., Tahvilian R., Karimi N., **Chalabi M.**, Azami M. Shikonin production by callus culture of *Onosma bulbotrichom* as active pharmaceutical ingredient. IJRP. 2018, 17(2): 495-504.
4. **Chalabi M.**, Khademi K., Yarani R., Mostafaie A. Proteolytic activities of kiwifruit actinidin (*Actinidia deliciosa* cv. Hayward) on different fibrous and globular proteins: a comparative study of actinidin with papain. Appl Biochem Biotechnol. 2014, Appl Biochem Biotechnol. 2014, 172(8):4025-37.
7. Mikaili A., **Chalabi M.**, Ghashghaie M., Mostafaie M. Immunization against bovine dermatophytosis with live *Trichophyton verrucosum*. AJMR. 2012. 6(23): 4950-4953.

8. **Chalabi M.**, Rezaie F., Moghim Sh., Mogharehabed A., Rezaei M., Mehraban B. Periodontopathic bacteria and herpesviruses in chronic periodontitis. *Mol Oral Mic.* 2010, 25(3): 236-24.
9. Mostafaie A., **Chalabi M.**, Kiani S., Ghanbari F., Parvaneh Sh. Sardasht-Iran cohort study of chemical warfare victims: design and methods. *Arch Iran Med.* 2009. 12(1):5-14.
10. Rezaei F, **Chalabi M.**, Moghim SH., Moghareh Abed A., Faghri J. Prevalence of *Porphyromonas gingivalis* and *Bacteroides forsythus* in chronic Periodontitis. *Yafteh.* 2008. 10(2): 13-17.
11. **Chalabi M.**, Moghim Sh., Moghareh Abed A., Najafi F., Rezaei F. EBV and CMV in chronic periodontitis: A prevalence study. 2008. *Arch Virol.* 153(10): 1917-1919.
12. Mostafaie A., Bidmeshkipour A., Shirvani Z., Mansouri K., **Chalabi M.** Kiwifruit Actinidin: A proper new collagenase for isolation of cells from different tissues. *Appl Biochem Biotechnol.* 2008. 144: 123-131.
13. Faghri J., Moghim Sh., Moghareh Abed A., Rezaei F., **Chalabi M.** Prevalence of *Porphyromonas gingivalis* and *Bacteroides forsythous* chronic Periodontitis by multiplex PCR. *PJBS.* 2007; 10(22): 4123-4127.
14. Moghim Sh., **Chalabi M.**, Moghareh Abed A., Rezaei F., Tamizifar H. Prevalence of Epstein-Bar type 1 in patient with chronic Periodontitis by Nested-PCR. *PJBS.* 2007. 10(24): 4547-4550.
15. Mostafaie A., **Chalabi M.** Purifying and analyzing the level of kiwifruit actinidin in some of Iranian cultivars. *J Sci-Tech.* 2006. 10(3): 221-228.

16. **Chalabi M.**, Bahrami Y., Mostafaie A. Study of Kiwifruit Actinidin using SDS-PAGE, isoelectric focusing and Two-dimensional gel electrophoresis. 2004. 17(3):219-226.

### **Publications (Abstracts)**

1. **M. Chalabi**, Mikaeili A, Ghashghaii A, Mansouri K, Rezaei M. Immunization of bovine against dermatophytosis with live *Trichophyton verrucosum*. First international & 12Th Iranian congress of microbiology. May 2011. Kermanshah. Iran.
2. Sh. Moghim, M. Rezaei, A. Mogharehabet, F. Rezaie, **M. Chalabi**. Association between coinfection of periodontopathic bacteria and herpesviruses and periodontal tissue destruction in chronic periodontitis. 11th Iranian congress of microbiology & 1st east Mediterranean Microbiology congress. 2010 May. 10-13, Gillan, Iran.
3. A. Mogharehabet, Sh. Moghim, M. Rezaie, F. Rezaie, **M. Chalabi**. Relationship between periodontopathogen bacteria and chronic periodontitis. 3<sup>rd</sup> Iranian congress of medical microbiology. 2009 Oct. 6-8, Shiraz, Iran.
4. J. Faghri, F. Rezaie, **M. Chalabi**, Sh. Moghim, A. Mogharehabet, N. Rezaie, M. Delfan. The association between *Bacteroides forsythus* and herpesviruses in chronic Periodontitis patients. 2<sup>nd</sup> Iranian congress of medical microbiology. 2008 Oct. 7-9, Shiraz, Iran.

5. **M. Chalabi**, F. Najafi, Sh. Moghim, A. Mogharehabet, F. Rezaie. Prevalence of herpesviruses in chronic periodontitis. 2<sup>nd</sup> Iranian congress of clinical microbiology. 2008 Oct. 7-9, Shiraz, Iran.
6. F. Rezaie, **M. Chalabi**, J. Faghri, Sh. Moghim, A. Mogharehabet. Prevalence of *Actinobacillus actinomycetemcomitans*, *Porphyromonas gingivalis* and *Bacteroides forsythus* in chronic Periodontitis by multiplex PCR. 9<sup>th</sup> Iranian congress of microbiology. 2008 Mar. 5-7, Kerman, Iran.
7. **M. Chalabi**, F. Rezaie, F. Najafi, A. Mogharehabet, Sh. Moghim. The association between *Porphyromonas gingivalis* and herpesviruses in chronic Periodontitis patients. 9<sup>th</sup> Iranian congress of microbiology. 2008 Mar. 5-7, Kerman, Iran.
8. J. Faghri, Sh. Moghim, A. Mogharehabet, **M. Chalabi**, F. Rezaie. Prevalence of *Porphyromonas gingivalis* and *Bacteroides forsythus* in chronic Periodontitis by multiplex PCR method. 1<sup>st</sup> Iranian congress of clinical microbiology. 2007 May. 8-10, Shiraz, Iran.
9. Sh. Moghim, A. Mogharehabet, F. Rezaie, **M. Chalabi**. Prevalence of *Actinobacillus actinomycetemcomitans* in chronic Periodontitis by PCR method. 1<sup>st</sup> Iranian congress of clinical microbiology. 2007 May. 8-10, Shiraz, Iran.
10. **M. Chalabi**, A. Mostafaie, Y Bahrami. Electrophoretic behavior of Kiwifruit Actinidin using isoelectric focusing, SDS-PAGE and Two-dimensional gel electrophoresis. 8<sup>th</sup> Iranian congress of biochemistry and the 1th international congress of biochemistry & molecular biology. 2005 Sep. 15-11, Tehran, Iran.

11. **M. Chalabi**, A. Mostafaie, ME Ferdowsi. Purification of Actinidin from kiwi fruit. 7<sup>th</sup> Iranian congress of biochemistry. 2003 Jan. 26-28, Ahvaz, Iran.

### **Research projects**

1. Study of *Lactobacillus bulgaricus* and *Streptococcus thermophilus* effect on quantity and quality of cream fatty acid profiles in various conditions of temperature and incubation times.
2. Production of monoclonal antibodies against human cd34 marker and its conjugated production with fluorescein isothiocyanate and supernatant nanoparticles.
3. Purification of soybean trypsin inhibitor (type bowman - birk) and sweet potato and compare their anti-inflammatory effect in mice c57bl / 6 with multiple sclerosis.
4. Antibiotic study and clarithromycin resistance genotypes of *Helicobacter pylori* strains isolated from patients referring to Imam Reza hospital in 1390.
5. Evaluation of 50 donated kidney recipients for toxoplasmosis infection.
6. Cloning, expression, and purification of endostatin protein formula in *Escherichia coli* and its antiangiogenesis effect.
7. The effect of kiwi actinidine as a new collagenase in isolation and cell culture of different tissues.
8. Production and purification of polyclonal anti-IgM antibodies in rabbits.
9. Purification of kiwi fruit actinidine and its proteolytic activity.
10. Evaluation of growth inhibition of lactobacilli-derived cancer cells from Kermanshah local yogurt on gastric and intestinal cancer cell lines SW-620, HGC-27, Caco-2.
11. Effect of probiotic bacteria supernatants isolated from yogurt on clinical isolates of *Acinetobacter* with multiple drug resistance.