

### **Awards:**

- Pasteur-UNESCO Medal in October 2001, Paris.
- Women Elites around the country and All Elites and Devotees around the Islamic Word, 2007., Tehran, Iran.
- Iran Academy of Medical Sciences- 2009, Tehran, Iran.
- The 17th Razi research festival on medical science Award, Islamic Education, Scientific and cultural organization award (ISESCO), 2011, Tehran, Iran.
- Science Ministry of Research Festival Award, 2012, Tehran, Iran.

### **Patent:**

Vaccine development against experimental canine visceral leishmaniasis using a combination of DNA and protein immunization with cysteine proteinases type I and II of *L. infantum*.  
Number 31547, Iran.

### **2012:**

- 1-Generation of genetically transfected *Leishmania major* expressing *egfp* gene, ID: 75936.
- 2-Generation of genetically transfected *Leishmaniainfantum* expressing *egfp* gene, ID: 75762.
- 3-Generation of genetically transfected *Leishmaniatropica* expressing *egfp* gene, ID:75764.
- 4-Generation of genetically transfected *Leishmaniatarentolae* expressing *egfp* gene, ID:75765.

### **Submitted Gene to Genbank:**

- 1- *Leishmania major* Cysteine Proteinase A gene AJ130942 Genbank 1998.
- 2- *Leishmania major* Signal Peptidase type I gene AY129954 Genbank 2002.
- 3- *Leishmaniainfantum* Signal Peptidase type I gene AY129955 Genbank2002.
- 4- C-terminal region of the *L. major*'s Lmj28.1400 orthologue EU041954 2009.
- 5- *Leishmaniatarentolae* strain TarIIminicircleHM579788 2010.