



## Scientists, Immunology, Antibody discovery

### POSITIONS SUMMARY

We are seeking highly motivated and creative scientists (we intend to hire a more experienced scientist and a postdoctoral colleague), with experience in the humoral immune response and antibody development to join to ImmunoGenes Ltd in Budapest, Hungary.

Antibody discovery is still a challenging process especially if the target is weakly immunogenic, like membrane proteins (GPCRs, ion-channels). ImmunoGenes is a biotech company with a platform technology that improves the immune response using genetically-modified mice and rabbits that overexpress the neonatal Fc receptor (FcRn). Our IMG-AbS™ patented technology results in a greater number and greater diversity of B cell clones than is typical and a stronger immune response against weakly immunogenic targets. This, in turn, generates high-quality monoclonal antibody candidates with high affinity and diversity that academy, pharmaceutical and biotech companies can use in their development of unique therapeutics and diagnostics. ImmunoGenes uses cutting-edge technologies to increase the success of its antibody discovery processes (e.g. transfected cell, recombinant Fc-fusion protein or DNA as immunogens, flow cytometer or surface plasmon resonance assay for screening the antibodies, creating recombinant monoclonal antibodies from hybridoma, etc).

#### *Duties and responsibilities*

- Employ strategies for monoclonal antibody development specific for membrane proteins (GPCRs, ion-channels).
- Supervise research associates (valid for the more experienced scientist).
- Manage timelines and deliverables.
- Develop reports for various projects.
- Clear communication in both oral and written form in English.
- Coordination of parallel tasks across multiple projects, demonstrating prioritization (valid for the more experienced scientist).
- Self-motivated and independently minded (valid for the more experienced scientist)
- Positive interpersonal skills with the ability to interact with individuals from a variety of levels and function.
- Strong quantitative and analytical skills.
- Responsive, can-do attitude.

#### *Education and experience*

- Ph.D. in Immunology
- Three or more years-post doctoral experience (industry experience a plus) (valid for the more experienced scientist).
- Direct hands on experience with generating and analyzing monoclonal antibodies (valid for the more experienced scientist).



*ImmunoGenes Ltd*

[www.immunogenes.com](http://www.immunogenes.com)

- In-depth understanding of: humoral immune response, and monoclonal antibody development.
- Demonstrated experience in the following techniques: PCR, cloning, vector design and Western, flow cytometry, ELISPOT, cloning, vector design, immunization, hybridoma development and cell culture.

Place of work: Budapest, Hungary (Eötvös Loránd University, Institute of Biology).

To apply for this position, please send your CV with References to Imre Kacs Kovics at [imre.kacs kovics@immunogenes.com](mailto:imre.kacs kovics@immunogenes.com) along with a cover letter including highlights from your academic/industrial experience corresponding to the above requirements.

For more information on ImmunoGenes, please visit [immunogenes.com](http://immunogenes.com)