MEMORANDUM OF UNDERSTANDING (MOU) ON EDUCATION

1. Purpose

The purpose of this Agreement is to establish a mutual framework governing the joint education of Clinical Fellows/PhD-Candidates within the international

Clinical Fellowship/ PhD-Program "ClinicalNeurosciences"

Subject: Memorandum of Understanding on Education and Research Cooperation between the Government of the Islamic Republic Iran represented by its Vice President in Science and Technology DrSorenaSattari, the Tehran University of Medical Sciences (TUMS) represented by its Chancellor Prof. Dr. Ali Jafarianand the International Neuroscience Institute Hannover (INI) represented by its President Prof. Dr. med. Dr. h.c. mult. MadjidSamii (hereinafter referred to as parties).
The Parties shall encourage, as appropriate, the development of contactsand cooperation between the educational institutions of the Parties, basedon their respective academic and educational needs.

Purpose: The Program of three years is meant to be a combined Clinical Fellowship/PhD-Program (hereafter referred to as the Program), thus, not aiming at a basic scientific education but at a dual qualification as well-trained clinician and at the same time as profoundly educated clinical scientist. During the first two years of the Program the Clinical Fellows/PhD-Candidates will be trained in high ranking institutions within the European Union, the training during the third year will be at TUMS: After the completion of this Program, the clinical PhDs should work as clinicians as well as to be able to perform clinical scientific studies in an elevated international level.
Executive Committee: For the monitoring, implementation and approving all of the decision of this agreement and also selection of the candidates a committee will organize which the committee members are one from deputy of Science and Technology, one from national talented foundation and one from TUMS and one from INI. The costs of the co-operative activities will beunder supervision of this committee.
Article's implementation of this MOU totally must be confirmed by the members of the executive committee.

2. Background

2.1. In Iran, TUMS leads innovative learning and discovery and its translation into better health and well-being across the life course.

2.2. INI Hannover is a world-renowned clinical and research institution under German law comprising all specialist disciplines relevant to basic and clinical neurosciences.

2.3. Under the general supervision of the Iranian governmental authorities for Science and Technology, TUMS and INI have agreed to set up collaboration on the terms and conditions of this Agreement to establish the Program as outlined in the program description (see attachment 1).

2.4. TUMS and INI will jointly award the Fellowship certificates and PhD degrees.

3. Operational Plan

3.1. The plan for this project is to recruit, select and enroll up to 50 Clinical Fellows/PhD-Candidates, 10 to 12 per year, onto the Program. The Clinical Fellows/PhD-Candidates have to be Iranian citizens. They will receive a grant by the Program as agreed upon in an accompanying funding agreement.

3.2. Training will be partly delivered at INI in Hannover as well as in clinics, laboratories and institutions of high ranking universities within countries of the European Union and Switzerland. All these entities are selected based on the international reputation of their heads in the respective field of clinical neurosciences as outlined in the Program description.

3.3. In order to deliver the Program, INI will set up an independent organization consisting of a PhD-Commission and a PhD-Faculty as outlined in the program description. The organization will be headed by a PhD-Dean.

3.4. Members of the PhD-Faculty will hold positions as Affiliated Professors at TUMS.

3.5. Graduates of the PhD-Program will receive the degree of Doctor of Philosophy (PhD) in "Cognitive Sciences" awarded by TUMS and INI.

4. Responsibilities of the Parties

The following paragraphs identify responsibilities of the parties involved:

4.1. Responsibilities of TUMS:

(1) TUMS approves the Program as outlined in the program description.

(2) TUMS and INI will jointly award the Clinical Fellows/PhD-Candidates with Fellowship Certificates and the degree of Doctor of Philosophy (PhD), respectively, after successful completion of the Program.

4.2. Responsibilities of INI:

(1) INI will organize and provide clinical scientific training for up to 50 Fellows/Postdoctoral/ PhD-Candidates, 10 to 12 per year, as outlined in the program description.

(2) INI will select Clinical Fellows/PhD-Candidates in accordance with considering of committee criterias.

(3) INI is allowed to organize any other international program with universities outside Iran; i.e. training of Clinical Fellows/PhD-Candidates in "Clinical Neurosciences" in collaboration with non-Iranian universities will still be permitted under this Agreement.

(5) INI will participate in any academic review, inspection or audit of the Program if demanded by committee.

4.3. Joint Responsibilities of TUMS and INI:

(1) Both parties will work together to obtain the best possible success of the joint Program.

(2) Both parties will collaborate on joint research programs including all kinds of scientific co-operation such as joint international conferences organized by TUMS and INI.

(3) Both parties will ensure that Clinical Fellows/PhD-Candidates enrolled in the Program can finish their training (i.e. to the award of the Certificates and the degree of PhD).

(4) TUMS and INI will organize relevant information to get prospective Clinical Fellows/PhD-Candidates acquainted with the joint Program.

(5) Both parties will work together in the further development of the joint Program.

(6) In all scientific products and professional publications, dual affiliation will be related to TUMS and INI.

(7) The parties shall encourage the exchange of students through study programs according to their capabilities with regarding to the elites by considering of research prioritiesand country's need in Iran.

5. Admission and Relegation

5.1. Admission of Clinical Fellows/PhD-Candidates by the PhD-Dean follows the regulations as outlined in the Program description. The Clinical Fellows/PhD-Candidates shall be selected on the basis of their already gained clinical knowledge and other non-discriminatory eligibility criteria, including English language ability which will be confirmed by the committee.

5.2. The language of training and teaching shall be English.

5.3. Any change to the admission criteria will be jointly agreed to by decision of the member's committee.

5.4. Professional as well as academic progression of Clinical Fellows/PhD-Candidates enrolled on the Program shall be considered in accordance with approved procedures and standards of Good Scientific Practice (attachment 2) and Good Clinical Practice (attachment 3).

5.5. Relegation of Fellows/PhD-Candidates is possible as outlined in the program description.

6. Clinical Fellows/PhD-Candidates:

6.1. Fellows/PhD-Candidates enrolled on the Program are subject to the charter, statutes, ordinances, regulations, rules, policies and practices of the universities where they perform their clinical and scientific training. Any breach of the aforesaid will be dealt with in accordance with the procedures of the respective university.

6.2. Clinical Fellows/PhD-Candidates enrolled on the Program will, in addition, be subject to the regulations, rules, policies and practices of INI while studying there. Any breach of the aforesaid will be dealt with in accordance with the procedures of INI.

6.3. Subject to compliance with data protection provisions, INI will keep the TUMS notified of the Clinical Fellows'/ PhD-Candidates' intermediate results.

6.4. The parties undertake to ensure that all Clinical Fellows/PhD-Candidates enrolled on the Program are properly informed of the processes and regulations agreed by TUMS and INI under this Agreement in relation to admission and registration procedures, progression, discipline and complaints, academic appeals, dispute resolution procedures, support facilities and any other matters directly relating to Clinical Fellows/PhD-Candidates.

7. Communication and Coordination Representatives

To provide for consistent and effective communication between parties shall appoint a principal representative to serve as its central point of contact on matters relating to this Agreement. The principal representatives for this Agreement are listed as below.
One from deputy of Science and Technology or national elites foundation and one from TUMS and one from INI.

تهران: خیابان ملاصدرا، خیابان شیخ بهایی شمالی، کوچه لادن، پلاک ۲۰ صندوق پستی: ۱۵۶۵-۱۴۱۵۵ تلفن: ۸۳۸۳۰۰۰۰ دورنگار: ۸۳۸۳۳۳۳۳-۴۰

8. Intellectual Property

8.1. Any intellectual property rights owned by a party before the date of this Agreement will remain the sole property of that party. No use shall be made of either party's intellectual property for any purpose without that party's express written consent.

8.2. TUMS and INI agree that any intellectual property rights in any material developed independently by either party during the term of this Agreement or any time thereafter shall be the property of the party making the development. Any intellectual property developed jointly by the TUMS and INI during the term of this Agreement shall be owned jointly in equal undivided shares. Each Party shall be permitted to use such joint invention for its own internal non-commercial research and teaching. Commercial exploitation of any joint invention shall be on terms to be agreed between the parties.

9. Funding

Funding and budgeting of the Program will be provided by the Government of the Islamic Republic Iran.
The costs of the co-operative activities will be organized under supervision of the committee.
The Agreement is amended by a separate funding agreement (attachment 4) that will become part of this Agreement.

10. Miscellaneous

10.1. This Agreement shall not affect any pre-existing or independent relationships or obligations between the parties.

10.2. The provisions of this Agreement that require performance after the expiration or termination of this Agreement shall remain in force notwithstanding the expiration or termination of the Agreement.

10.3. If any provision of this Agreement is determined to be invalid or unenforceable, the remaining provisions shall remain in force and unaffected to the fullest extent permitted by law and regulation.

11. Review

The Program will be mutually reviewed annually to ensure adequate identification of support requirements. Additional reviews may take place when changing conditions or circumstances require substantial changes.

12. Amendment, Modification and Termination

12.1. This Agreement may be amended or modified only by written, mutual agreement of the parties.

12.2. This Agreement can be terminated by either party if the other

(1) commits a material breach of any of its obligations under this Agreement which it does not remedy within one month of written notice of such breach; or

(2) ceases to exist.

12.3. Either party may terminate this Agreement at any time by giving to the other party not less than one academic year's notice in writing.

12.4. In the event that this Agreement is terminated, both parties will immediately inform all Clinical Fellows/PhD-Candidates enrolled on the Program that this Agreement has been terminated and explain the consequences for the Clinical Fellows/PhD-Candidates.

12.5. Upon termination of this Agreement for any reason all Clinical Fellows/PhD-Candidates enrolled at the time of termination will be retained as TUMS' and INI's students in order to be able to finish the Program (i.e. award of the Certificates of Fellowship and PhD degrees) within TUMS.

13. Effective Date and Duration

This Agreement becomes effective upon the last signature by the last approving authorized signatory under this Agreement and the accompanying funding agreement and will remain in effect indefinitely until superseded, rescinded, or terminated in accordance with this Agreement or modified by written, mutual agreement of both parties.

14. Acceptance of Agreement

DrSorenaSattari
Government of the Islamic Republic Iran
Vice President in Science and Technology

Prof. Dr. AliJafarian
Chancellor
TehranUniversity of Medical Sciences

Prof. Dr. med. Dr. h.c. mult. MadjidSamii
President
International Neuroscience Institute Hannover

Tehran, June , 2014

Attachment 1: Program Description

Preamble

Aware of the importance to increase the number of qualified basic and clinical researchers and trained clinicians for patients` care, basic and clinical research and teaching in neurological medicine, the Tehran University of Medical Sciences (TUMS) and the International Neuroscience Institute in Hannover (INI) have established the **Clinical Fellowship/PhD-Program "Clinical Neurosciences"**. The aim of this Program is to promote the education of highly professional basic and clinical researchers while gaining excellent basic and clinical knowledge and skills as specialist in one of the fields of basic and clinical neurosciences, cognitive sciences.

Young specialists in the fields of

- Cognitive sciences
- Neurology
- Others

can apply for a position as Clinical Fellow/PhD-Candidate.

The core component of doctoral training is the advancement of theoretical as well as practical knowledge through research. The doctoral training should enhance the competitiveness of the candidates for a scientific clinical career but must also meet the needs for a wider professional career than academia, specifically for leading medical positions. With regard to the dual qualification as basic and clinical researcher and as basic and clinical specialist, the Program has a minimum duration of two years in the INI and/or one of the participating institutions and a third year within TUMS for the completion of the PhD-thesis.

Organizational structure

PhD-Dean

The PhD-Dean is the speaker of the Program and responsible for the overall co-ordination and interaction of the participating research groups and the common curriculum. He/She presides the sessions of the PhD-Commission.

PhD-Commission

The PhD-Commission decides on the program structure and curricular contents. The commission is composed of three members nominated by TUMS and three members of the PhD-Faculty. The PhD-Commission forms the core of the PhD-Faculty. New members of the PhD-Faculty can be recommended by members of the PhD-Faculty and are nominated by the PhD-Dean. The PhD-Commission is responsible for the quality assurance of the institutional infrastructure and of the program-content. The PhD-Commission meets at least once per year.

PhD-Faculty

Members of the PhD-Faculty are outstanding clinicians as well as renowned clinical researchers in universities throughout Europe. They are invited to propose research projects of high quality from all different fields of clinical neurosciences to the PhD-Commission. Each member of the PhD-Faculty is responsible for supervision and mentoring of his/her respective Clinical Fellow/PhD-Candidate and takes part in the supervision of other Clinical Fellows/PhD-Candidates as co-supervisor.

Projects

The scientific projects have to be selected by their clinical relevance for the improvement of existing and the development of new strategies for research in all aspects of basic and clinical questions regarding neurological sciences, cognitive sciences and other problems. They should preferably be embedded in an active scientific working group. The distinctly outlined research topic has to be chosen in a way that by application of suitable methods a successful advancement of knowledge originates.

The research topic, the basic question/questions to be answered, the envisaged methodology and a provisional title of the project are laid down in an extended abstract. The responsible supervisor confirms that the necessary infrastructure is available. He/She has to declare that the Clinical Fellow/PhD-Candidate shall have as well sufficient freedom to perform the tasks which are necessary to achieve the qualification for a PhD-degree as to participate sufficiently

in the daily basic and clinical routine work in order to complete and to improve his/her clinical knowledge and skills.

Admission of Clinical Fellows/PhD-Candidates

Fellows/PhD-candidates are asked to deliver a written application in English language including the usual certificates for terminated university education as well as medical specialization.

The commitee determines the criteria for selection of Clinical Fellows/PhD-candidates in close communication with the members of the PhD-Faculty. Clinical Fellows/PhD-candidates are admitted by the PhD-Dean following a recommendation of the PhD-Commission. When admitted for a project, the abstract must be signed by the supervisor, the co-supervisor and the Clinical Fellow/PhD-candidate, and has to be documented by the PhD-Dean.

Relegation

By unanimous recommendation of the Supervisor and the Co-Supervisor following a negative evaluation after the first or the second year the Clinical Fellow/PhD-Candidate can be given notice to quit.

Scientific structure

First year

Additionally to the individual scientific project to be performed in the respective institutions, curricular elements will be taught which comprise contents specific for clinical neurosciences, generic scientific skills useful for all scientists performing research in a clinical context, and transversal competences useful for future leaders .

Specific contents:

- General overview on diagnosis and therapy in basic and clinical neurosciences
- Basic diagnostic methodology in clinical neurosciences
  - Cognitive sciences
  - …
- Basic therapeutic methodology in clinical neurosciences
  - Neurosurgery
  - …

Generic scientific skills:

- Project design
  - State of the art

- Own hypothesis/innovative vs. confirmative approach
- Patients/material/methods/positive and negative controls
- Rules for animal experimentation
- Biostatistics
- Critical assessment of results
- Publication in appropriate scientific media
- Epidemiology/ Public Health

- Project management
  - Definition of milestones
  - Funding/scientific foundations/correct application
  - Recruitment of scientific and technical co-workers

- Knowledge sources and management
  - Original literature/letter to the editor
  - Secondary literature/reviews/multicenter studies/meta-analysis
  - Textbook/handbook/monography
  - Scientific library/electronic library/specific internet portals
  - Congresses/symposia/hands-on courses

- Quality assessment including documentation
  - Evidence based medicine
  - Health technology assessment
  - Accreditation/certification

- Presentation techniques
  - Poster presentation/oral presentation/invited lecture
  - Technical assistance/power point/film/slides/overhead/flip chart
  - Discussion/appropriate reaction to critical remarks and recommendations

Transversal competences:

- Science theory/empiric vs rationalistic approach
- Responsibility/ethical behavior and bioethics
- Good scientific practice/good clinical practice
- Scientific writing/scientific English
- Communication with patients/parents/relatives/colleagues

While working in the different participating institutions, the first year is characterized by the elaboration of the project design, the development of methods suitable to investigate the project's hypothesis as well as the practical start of the project. Accompanying scientific teaching includes:

- Topic-oriented seminars and tutorials
- Journal Club
- Active participation in scientific congresses and symposia, or practical courses

All six months in the organizational framework of a General Meeting of Clinical Fellows/PhD-Candidates, a progress report is given to the PhD-Dean also taking into account possible personal or scientific difficulties in order to allow for advice and quick correction of short-comings. At the end of the first year, a report on the provisional state of the project is to be evaluated by the supervisor and the co-supervisor and has to be discussed with the Clinical Fellow/PhD-Candidate.

For the General Meetings, the Clinical Fellows/PhD-Candidates are asked to prepare a 10-minutes presentation of their respective project. By the oral presentation of the preliminary results of their respective project to the other Clinical Fellows/PhD-Candidates and the Supervisors, it will be possible to refine the personal presentation technique. The Clinical Fellows/PhD-Candidates will become acquainted with the different clinical content of all projects, the different methodological approaches and the advancement of all projects presented. The Clinical Fellows/PhD-Candidates learn to discuss scientific questions at an advanced level. The personal friendship amongst each other as basis for future basic and clinical and scientific co-operation and corporate identity is renewed and strengthened.

Second year

The second year is characterized by the finalization of the respective scientific project and the preparation of the PhD-Thesis in form of an original publication.

The results of the PhD-Thesis must comprise an original contribution to basic and clinical knowledge and have to be published or accepted for publication in an international peer-reviewed scientific journal. The Supervisor and the Co-Supervisors prepare a short votuminformativum on the PhD-Thesis including a recommendation for the PhD-Commission.

At the end of the second year, the PhD-program terminates with a **defense of the PhD-Thesis**during the INI-Week at the International Neuroscience Institute in Hannover in front of the PhD-Commission. The Clinical Fellows/PhD-Candidates have to convince the PhD-Commission that they are able to defend and to discuss the results of their PhD-Thesis in a broader scientific context.

Third year

The third year is characterized by the translation of the gained knowledge and experience by the Clinical Fellows/PhD-Candidates within the respective departments of TUMS, now under supervision of TUMS in close co-operation with the PhD-Dean, the latter remaining in an overall control function.

After successful completion of the third year, a subsequent **academic ceremony award of the Clinical Fellowship Certificate and a joint the PhD-Degree signed by TUMS and INI** will solemnly conclude the participation in the Clinical Fellowship/PhD-Program "Clinical Neurosciences".

تهران: خیابان ملاصدرا، خیابان شیخ بهایی شمالی، کوچه لادن، پلاک ۲۰ صندوق پستی: ۱۵۶۵-۱۴۱۵۵ تلفن: ۳۸۵۳۰۰۰۰

Attachment 2: Rules and requirements in order to maintain standards of Good Scientific Practice (GSP)

Basic and clinical research is defined as the improvement of existing and the development of novel diagnostic and therapeutic approaches.

Honesty is the fundamental principle in science

Honesty towards oneself and others is the fundamental principle of scientific work in all institutions and disciplines worldwide. Honesty is the ethical norm of every scientific practice no matter how different the respective disciplines are technically and thematically.

The self-government of science is responsible for maintaining the rules of Good Scientific Practice.

Basic rules of Good Scientific Practice

Scientists and their co-workers are obliged to follow the basic rules of Good Scientific Practice and to behave in an exemplary manner. They are also obliged to teach and train students and junior staff in the principles of Good Scientific Practice, which especially applies to senior lecturers and professors.

The basic rules comprise:

- general principles of scientific work
  - work "legeartis"
  - documentation of results and securing primary data sets
  - consequent critics and doubt of own results
  - strict honesty concerning contributions of partners, competitors and predecessors
- responsible supervision of students and junior staff/co-workers
- co-operation and responsibility of performance in research groups
- scientific publications

Violation against the rules of Good Scientific Practice

The following facts are regarded to be a violation and, possibly, a scientific fraud or an incitement to scientific fraud:

- invention, forgery and suppression of data
- plagiarism
- scientific misconduct

تهران: خیابان ملاصدرا، خیابان شیخ بهایی شمالی، کوچه لادن، پلاک ۲۰ صندوق پستی: ۱۵۶۵-۱۴۱۵۵ تلفن: ۸۳۵۳۰ دورنگار: ۴-۸۳۵۳۳۳۳۳ www.isti.ir

- obtain authorship in publications by false pretences
- exclusion from legitimate authorship

- missing or insufficient scientific discussion in research groups
- insufficient supervision of Fellows/PhD-Candidates
- loss or insufficient documentation of original data
- missing teaching and training of research assistants/co-workers in the principles of Good Scientific Practice
- defamation of the principles of Good Scientific Practice
- breach of confidence acting as an expert (member of a scientific committee) or as a senior scientist/group leader (professor)

Responsibility towards the realization of Good Scientific Practice

Every scientist is responsible for his own behavior in the context of his/her scientific work.

Every head of a research group is responsible for the realization of the principles of Good Scientific Practice in his/her group and for the overall compliance with the rules.

Therefore, an animated communication is needed within a research group, especially, the free and open discussion of scientific results and data, e.g. in regular group meetings.

The heads of scientific research groups have the responsibility to guarantee that every member of the group is familiar with the principles of Good Scientific Practice and, moreover, to provide the basic requirements for constantly acting according to the rules. They have to make sure that every single member of the group is willing to discuss his/her hypotheses, theories and scientific data openly in order to obtain a critical evaluation.

The leadership of a research group requires presence and control. In cases, where these major aspects cannot be guaranteed all the time, delegation of duties is necessary.

Clinical Fellows/PhD-Candidates

Concerning the supervision of Clinical Fellows/PhD-Candidates, it is recommended that a written description or sketch including a detailed plan and the aims of the project is developed before starting the practical work. This project description has to be handed in to the PhD-Commission at the beginning of the PhD-Thesis. Importantly, this project description includes the written statement of the respective Supervisor proving that he has instructed the Clinical Fellow/PhD-Candidate in the rules of Good Scientific Practice.

In case of any conflict between the Supervisor/Co-Supervisor and the Clinical Fellow/PhD-Candidate during his/her work, the PhD-Dean and/or members of the PhD-Commission can be consulted as mediators.

Documentation

Primary data sets having served as the basis for publication of the PhD-Thesis should be kept safe and in solid files for at least ten years in the respective research group. Every scientist is

responsible for the safekeeping and is obliged to prove the appropriate documentation of his/her work by providing carefully written protocols.

Furthermore, the documentation of experiments including numeric calculations has to be done in every single detail, so that another scientist/supervisor can repeat the experiments or understand them easily at any time.

The reproducibility of scientific experiments is regarded to be a basic test. Protocols and laboratory books/files have to be solid and have to contain numbered sheets. It is not allowed to remove sheets. Everything has to be kept carefully and safe.

The loss or removal of original data from the laboratory is thought to be a violation against the scientific conscientiousness and justifies primary suspicion of dishonest or grossly negligent behavior.

In case of a move to another laboratory/institution, the data sets produced by a scientist, in principle, remain in the laboratory/institution of origin. However, exceptions from this rule are possible according to prior written and signed agreements between members of the laboratories/institutions involved.

Publication and authorship

Authors of scientific publications are jointly responsible for the respective contents of the manuscripts. Therefore, an "authorship by honor" is excluded.

In publications, especially in those bearing completely new scientific findings, methods and results have to be described in full detail, so that every scientist can easily follow and understand them.

Previous work (from oneself or others) has to be indicated thoroughly and cited correctly. Furthermore, previous findings have to be repeated and described as such as being necessary for fully understanding the respective context.

Authorship of a scientific original paper can only be granted to those who have contributed substantially to the conception of the study or experiments, to the production, analysis or interpretation of data or to the writing of the manuscript. Common agreement is needed before publication; that implies that all authors are responsible.

Arbitration Body

TUMS and INI elect a neutral, qualified and representative Arbitration Body being responsible for all questions concerning matters of Good Scientific Practice.

The duties of the Arbitration Body are:

- Confidentially listening to accusations of dishonest behavior and deciding to initiate further steps (inform other responsible institutions); in case of a reasonable suspicion for a misconduct against the principles of good scientific practice, the Arbitration Body has the right to interview the respective person or institution, to ask for protocols and files and to consult other people/co-workers in the close vicinity of the accused person or institution.
- Clearing of suspicion should not take longer than 14 days. All people involved are bound to silence.

A final report has to be handed to the PhD-Dean, a copy goes to the persons accused. If the final report does not clear the primary suspicion, the PhD-Dean can decide to initiate further steps or sanctions.

Sanctions

The following sanctions can be performed in case of proven fraud or misconduct against the rules of Good Scientific Practice (disregarding the consequences concerning labor or civil service law):

- admonishment by the PhD-Dean (with or without an official announcement)
- official warning or threat to further sanctions in case of recurrence
- order to correct or withdraw the incorrect publication
- expel from the membership within the PhD-Faculty
- relegation of the Clinical Fellow/PhD-Candidate

In the case of projects sponsored by third parties, scientific fraud has to be reported to the respective sponsor/institution.

Obligation

All members of the PhD-Faculty and the Clinical Fellows/PhD-Candidates are obliged to follow the rules and requirements of Good Scientific Practice. This has to be confirmed by their personal signature.

Attachment 3: Rules and requirements in order to maintain standards of Good Clinical Practice (GCP)

Introductory considerations

Health is a precious good which has to be put in the center of sustainable development. Good health enables fulfilling and productive life and contributes to development.

The aim is to provide the Clinical Fellows/PhD-Candidates with the fullest qualification for entry into the professional world of highly qualified specialists. This education comprises profound theoretical knowledge, substantial practical skills, and ethical professional behavior on the one hand, as well as the formation of personalities of global citizenship characterized by active involvement and personal commitment.

The high quality of education is the key that future basic and clinical neuroscientists shall make the care of their patients their first concern. In a multicultural society respecting patients' dignity, training in narrative medicine becomes increasingly important in order to better understand patients of different cultural background and to give patients information in a way they can understand.

The protection of clinical trial subjects is consistent with the principles set out in the Declaration of Helsinki. This is a statement of ethical principles developed by the World Medical Association.

Requirements for the conduct of clinical trials in the European Union (EU), including GCP and good manufacturing practice (GMP) and GCP or GMP inspections, are implemented in:

- the 'Clinical Trial Directive' (Directive 2001/20/EC);
- the 'GCP Directive' (Directive 2005/28/EC).

Concurrently, in accordance with the expected ability to continue learning throughout their lives, the Clinical Fellows/PhD-Candidates should be given the capacity to critically approach medical changes during the course of their professional career.

But also basic knowledge on the structures of the respective health system is indispensable to be able to better reconcile medical and economic necessities.

The Program prepares the Clinical Fellows/PhD-Candidates for their future profession as specialist in one individually chosen specialization of basic and clinical neurosciences. The major aspects of scientific thinking are imparted. Theoretical fundamentals as well as practical skills are taught in an integrated, topic-focused and patient-oriented manner. Particular emphasis is placed on ethical and social aspects.

Principles

The profession as clinical neuroscientist plays a central role within the framework of health preservation, health recovery, and the treatment of patients with acute, chronic and incurable diseases.

The goal of the Program is

- to impart theoretical knowledge of scientific principles and relate it to practical decision making and skills relevant for clinical neuroscientists,
- to respect ethical attitudes, and
- to provide training in communication skills.

Intensive practical training, emphasis on the psychosocial dimensions, and the implementation of innovative means of learning will play a major role. For medical ethics, this entails integrating ethically relevant themes into the Program, and at the same time making them recognizable as such. Content from the areas of prevention, rehabilitation, and palliative medicine is given special consideration. Criteria of epidemiology, urgency of treatment and severity code will be respected.

The needs of society include, among others, specific qualifications regarding interpersonal communication and knowledge concerning the societal and economical aspects of the health-care system.

The equality of the sexes is upheld by the PhD-Faculty as well as the Clinical Fellows/PhD-Candidates.

Conclusive remarks

Teaching basic and clinical neurosciences is integrative in nature in order to enable deciding in contexts. The Clinical Fellows/PhD-Candidates are required to participate in the day-to-day clinical work as well as in scientific project work with regard to their individual projects including the writing of the PhD-Thesis. Clinical Fellows/PhD-Candidates are encouraged to intensely explore the professional fields of clinical neurosciences during the entire Program.

We expect to educate well-trained, empathetic clinical neuroscientists respecting the scientific basis of medicine as well as the best traditions of the art to be a doctor.

تهران، خیابان پاسداران، خیابان شیخ بهایی شمالی، کوچه الوند، پلاک ۲۰، صندوق پستی ۱۵۶۵-۱۹۵۸۵، تلفن ۱۳۸۳۳۳۳۳-۰۲۱، دورنگار ۱۳۸۳۳۳۳۳-۰۲۱

Attachment 4: Funding Agreement

The Government of the Islamic Republic Iran will provide a global amount in Euro which is sufficient to finance the part of the Program which will be necessary in Germany, according to the Budget Table as below.

The part of the budget which will be necessary for the two first years of every group of 12 PhD-Candidates in Germany has to be transferred to a German bank account and will be administered by the VereinzurFoerderung der Wissenschaft in der Neurochirurgie (Organization for Enhancement of Science in Neurosurgery) located in Hannover and headed by Prof. MadjidSamii who bears the general responsibility for the financial management of the Program. Prof. Walter as Dean of the Program will support him in using this part of the budget in the best sense and exclusively for the needs of the Program.

The budget is divided for five groups of twelve Clinical Fellows/PhD-Candidates each who will spend two years of education and training in a European institution. Since twelve Clinical Fellows/PhD-Candidates form a well manageable group, the first group will start in year 1, the second in year two and so forth.

The following positions are dealt with in the Budget Table:

- The Selection of the PhD-Candidates will afford some preparatory travel costs.
- Basis for the grants is a family with the Clinical Fellow/PhD-Candidate (€ 30,000), his wife/her husband (€ 18,000) and two children (€ 6,000 each), thus together € 60.000 for the two years in Germany.
- Insurances comprise an obligatory health insurance for all family members as well as an insurance for private liabilty.
- Support for Scientific Projects comprises direct expenditures caused by the individual project which cannot be settled by the hosting clinic/department.
- The INI-Week will gather once per year all Clinical Fellow/PhD-Candidates and Lecturers for special contents as outlined in attachment 1 in the INI in Hannover.
- The Travel/Congress Funds will enable the Clinical Fellows/PhD-Candidates to participate in scientific congresses or symposia of their respective field and to present there their own scientific results. Further, the Clinical Fellows/PhD-Candidates will get the possibility to travel once during the two years in Europe home to Iran.
- The Emergency Funds will cover unexpected expenditures, e.g. in case of accident.

- The Co-ordination Funds will cover expenditures for the general co-ordination of the projects with the Supervisors, especially with Supervisors outside of Hannover.

- The PhD-Dean shall work in an honorary capacity, however, some expenditure for the PhD-Office in Hannover will occur.

Budget Table

Clinical Fellowship/
PhD-Program "Clinical Neurocsiences"
at the International Neuroscience Institute

PhD-Candidates	Year 1/2	Year 2/3	Year 3/4	Year 4/5	Year 5/6
Number of newly admitted PhD-Candidates	*12*	*12*	*12*	*12*	*12*
Total number of PhD-Graduates	*12*	*24*	*36*	*48*	*60*

Figures shown in € 1,000

Income	Year 1/2	Year 2/3	Year 3/4	Year 4/5	Year 5/6
Funding by Ministry of Science and Technology	1.020	1.020	1.020	1.020	1.020
Cumulative Income	**1.020**	**2.040**	**3.060**	**4.080**	**5.100**

Estimated expenditure	Year 1/2	Year 2/3	Year 3/4	Year 4/5	Year 5/6
Selection of PhD-Candidates in Tehran	10	10	10	10	10
Grants for PhD-Candidates/family members	720	720	720	720	720
Insurances for PhD-Candidates/family members	30	30	30	30	30
Support for Scientific Projects	60	60	60	60	60
INI-Week	20	20	20	20	20
Travel/Congress Funds	90	90	90	90	90
Emergency Funds	20	20	20	20	20
Co-ordination Funds	40	40	40	40	40
PhD-Dean (in an honorary capacity)	0	0	0	0	0
PhD-Office	30	30	30	30	30
Cumulative Expenditure	**1.020**	**2.040**	**3.060**	**4.080**	**5.100**