## Application form for certification as European certified Pharmacologist (EuCP)

## according to the guidelines of the SSPT

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| NAME, first name |  |
| Birth date and location | Date: Country: |
| Academic title |  |
| Institution |  |
| Department |  |
| Street and number |  |
| ZIP code |  | City |  |
| Position |  |
| e-mail address |  |
| SSPT or related society membership | Name of the society:Approximate starting year of membership: |
| Indicate here whether you have one of the following, pharmacology-related titles | □ | Clinical pharmacologist SSCPT |
| □ | Medical Specialist Physician in Clinical Pharmacology and Toxicology |
| Date obtained: |  |
| □ First time application | □ Application for renewal |
|  |  |
| *Optional information* |
| *Private address: street and number* |  |
| *ZIP code* |  | *City* |  |
| *2nd e-mail address* |  |
| *Phone number*  |  |

Requirements:

1. An academic degree (MD, PhD or MSc or equivalent) in a relevant subject such as medicine, pharmaceutical sciences, biomedical sciences, biology or chemistry;
2. Knowledge of the major areas of Pharmacology. These can be obtained either by attending appropriate courses, by practical experience or on job training;
3. Documentation of training with respect to knowledge, skills and competencies acquired, obtained during the last 5 years
4. Active membership in a national society of pharmacology which is member of EPHAR: Swiss Society of Pharmacology and Toxicology (SSPT) or one of its member societies Swiss Society of Experimental Pharmacology (SSEP), Swiss Society of Clinical Pharmacology and Toxicology (SSCPT), Swiss Society of Toxicology (SST), Swiss Society of Pharmaceutical Medicine (SGPM).
5. At least 5 years of relevant pharmacological experience (in laboratory, clinical, theoretical or regulatory work); this period may be interrupted by periods of complementary training in other fields, career breaks or similar;
6. Current professional engagement in the practice of Pharmacology;
7. Proven significant contribution in at least 3 original publications in peer‐reviewed scientific journals (excluding review articles), confidential reports, or assessments (suitable for submission to regulatory agencies or for regulatory decision‐making), as first or last author. In case of confidential reports and assessments, the significant contribution has to be proven in the accompanying documents.

### Checklist for documents to include

*(these documents need to be provided in electronic form)*

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|  Check | Document | Description |
| □ | Master or equivalent title | Copy of the official document  |
| □ | Other academic titles (MD, PhD, etc) | Copy of the official document |
| □ | Diploma as medical specialist | Copy of the official document |
| □ | Diploma of “Clinical pharmacologist SSCPT” or “Medical Specialist Physician in Clinical Pharmacology and Toxicology” if applicable | Copy of the official document |
| □ | Documentation of training and professional activities during preceding 5 years \* | Reference letter(s) of an established pharmacologist who knows you well, confirming:- Training in pharmacology- Professional activity related to pharmacology(these reference letters have to cover the last 5 years) |
| □ | Documentation of ≥ 5 years of relevant pharmacological experience | Confirmation by the employer |
| □ | Documentation of current activity/employment | Confirmation by the employer |
| □ | Current CV \*\* |  |
| □ | List of publications |  |
| □ | Ethical code of conduct | Signed EPHAR document of code of conduct |
| □ | SSPT or related society membership | Indicate the starting year of your membership, and the name of the society. |

Additional documents (optional)

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| □ |  |  |
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| --- | --- |
| Date | Signature |

\*, This reference letter should describe the type of activity in pharmacology the applicant has carried out, it should also describe the extent of his/her knowledge in pharmacology. Several reference letters can be provided; together they should cover at least the preceding 5 years. See section "Indications regarding the application", below.

\*\*, The CV needs to contain the following elements: Complete address, higher education, employment history, list of funded research projects, teaching activities, membership in panels & scientific review activities, membership in scientific / professional societies, organization of conferences, prizes and awards.

### Indications regarding the application

The assessment below meets all criteria and requirements of the Guidelines for EuCP Certification, set by the SSPT (Swiss Society of Pharmacology and Toxicology) as well as EPHAR (The Federation of European Pharmacological Societies), and EACPT (European Association for Clinical Pharmacology and Therapeutics) (available at <https://swisspharmtox.ch> and https://www.eucp-certification.org ).

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| **A.** |  | **Theoretical knowledge of pharmacology** |
|  |  | The EuCP Guidelines for Certification require theoretical knowledge in all of the following areas:1. principles of basic and clinical pharmacology (pharmacodynamics, pharmacokinetics;
2. cellular, biochemical and molecular bases of drug action (therapeutic and toxic);
3. drug interactions;
4. experimental design, biometry and biostatistics;
5. principles of organ pharmacology;
6. R & D processes;
7. ethical aspects of preclinical (including the 3R principle) and clinical research;
8. specific aspects of pharmacology such as gender, age, ethnicity;
9. pharmacogenetics and -genomics;
10. procedures and rules that govern marketing authorization and market access;
11. pharmacovigilance;
12. pharmacoepidemiology;
13. pharmacoeconomics.
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|  |  | *Please describe here how you fulfil these criteria. Indicate also if you are expert in other, more specialized topics of pharmacology.* |
| B.  |  | Practical knowledge and skills |
|  | □□□□□□□□□□□ | A candidate for EuCP has to possess practical awareness (not necessarily experience) in five of the following topics and in-depth knowledge and experience of at least two of the following topics:1. preclinical experiment design, biometrical and statistical methods, data retrieval and derivation and performance of in-vitro and ex-vivo studies;
2. preclinical experiment design, biometrical and statistical methods, data retrieval and derivation and performance of in-vivo studies;
3. biochemical and molecular techniques and diagnostics;
4. clinical trial design and management;
5. biometrical and biostatistical methods used in clinical research;
6. pharmacogenetics and -genomics, epigenetics and other -omics;
7. determination of pharmacokinetic parameters and compound metabolism (drug concen-trations in biological fluids and tissues, and therapeutic drug monitoring);
8. pharmacoepidemiology, pharmaco-utilisation and/or
9. treatment optimization and individualization (through expertise in pharmacodynamics, pharmacokinetics, pharmacogenetics, therapeutic drug monitoring etc.);
10. teaching and education in pharmacology;
11. pharmacoeconomics and/or regulatory affairs.
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|  |  | *Check the topics of those mentioned above in which you have practical awareness, and discuss topics on which you have in-depth knowledge:* |
|  |  | *With reference to "* B10*. Teaching and education in pharmacology", describe your involvement in activities such as academic teaching, internal teaching (in an industrial setting), and in continuous education. Provide confirmation of such activities, such as for example a current teaching register if you teach at a university.*  |
| C. |  | Other indications (optional) |
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