



## **Award of the Swiss Society of Hypertension 2018**

**Development of a smartphone application for the better management of hypertension and associated risk factors.**

### **1. Framework**

The SSH Award is intended to promote clinical and fundamental research in the field of high blood pressure.

However, for its first contest, the SSH decided to define a specific framework and purpose for awarding the prize. The aim is to develop an interactive application for smartphones and tablets, which should be dynamic and evolving and help for the treatment and management of high blood pressure.

The price is CHF 25'000.

### **2. Specifications**

The jury (see official SSH award rules, [www.swisshypertension.ch](http://www.swisshypertension.ch)) expects:

- An application project (quasi-finalized and ready to use)
- An application running correctly on one of the usual platforms (Android or iOS), ideally on both.
- An app that is particularly useful to patients and has the possibility of transmitting data, for example to the attending physician, to groups of patients, to friends.
- The app should not only be able to collect data on blood pressure values but also on other cardiovascular risk factors, especially those that are modifiable (weight, physical activity, cholesterol, smoking, glucose, etc.).
- The app should help motivate patients to improve their overall cardiovascular risk (by improving their individual risk factors). It should be able to follow "on a daily basis" the evolution of the various risk factors and, pushed to the extreme, become an addictive app.
- The app should be conceived to allow for further development, especially for the adding of different more specific modules.
- The design should be very intuitive and easy to use (NB: most hypertensive patients are older than 60 years).
- The winner of the prize will have to sign a contract with the SSH. The contract will define, among other things, the proprietorship, the price of the app (free), the possibility of paying for add-on modules (and the repartition of the benefit of the selling of these complementary modules), the subsequent collaboration in development (and its price), the minimum collaboration time (5 years), etc.

### **3. Age limit**

Age limit: no age limit.

### **4. Deadline**

The deadline for the submission of the project is 31.12.2017.

For the submission, the concept of the app and its characteristics are summarized in a 10-page project (max.).

The designers of the 6 best projects will be invited to demonstrate their app to the jury in early 2018.

The prize will be awarded at the 2018 spring meeting of the Swiss Society of Internal Medicine.

Further information:

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