



\*REPLACE REDUCE REFINE

## A 3R Professor At The Geneva School Of Medicine

---

### TEACHING DUTIES

The 3R professor would teach 3R-relevant subjects in Geneva and Lausanne and possibly in other Swiss institutions. A few mandatory hours specifically dedicated to 3R principles could be inserted in the cursus of students, for example for second-year Biology and Medicine students. The 3R professor would organize theoretical and practical courses demonstrating methods that represent alternatives to animal experiments. These include for example *in vitro* methods (e.g. phage display to develop antibodies) or the use of alternative models (non mammalian models like yeast, *Drosophila*, nematods, or mammalian cell culture models). Some of these courses could be mandatory (particularly for Biology students), some could be offered as options. A target of a total of 100 hours of teaching per year would be desirable.

### SEMINARS

The 3R professor would organize an annual scientific meeting dedicated to one facet of 3R research (e.g. neurobiology, development, infectious disease). He/she would also participate in a few meetings where he/she would present the results and methods used in his/her own research.

### RESEARCH ACTIVITIES

The 3R professor will be based at the Geneva Faculty of Medicine (Section de Recherche Fondamentale), and will engage in one particular research theme (e.g. neurobiology, infectious disease...) and develop 3R principles in this field (for example by developing an animal-free model system). His/her research activity is not expected to cover many different aspects of 3R-relevant research, because this would not allow in-depth research.