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Equipe « Pharmacognosie et Molécules naturelles bioactives »

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LETTER OF INTENT

I inform you that the laboratory of Pharmacognosy of Strasbourg University (France) is pleased to participate to the program INTERREG IV B Alpine Space.

My team meets the skills of teachers and researchers in Pharmacognosy, including two pharmacists, one phytochemist and one pharmacologist, ensuring the training of future pharmacists at the **Faculty of Pharmacy of Strasbourg**, in particular through education in medicinal plants and phytotherapy.

Our main research areas are in the field of **development of traditionally used plants**, of exotic origin as well as locally sourced.

We also have expertise in **plant monographs** through the involvement of two team resources (Drs B. Weniger and C. Vonthron) in working groups to AFSSAPS (Agence Française de Sécurité Sanitaire des Produits de Santé) and Pharmacopeia committees, resulting in redaction of analytical monographs in order to integrate new plants into national pharmacopoeia.

Our expertise also asked to be co-authored several **scientific books** devoted to medicinal plants (Lavoisier 2003, ISBN-13: 978-2743006310), aromatic plants (Lavoisier 2005, ISBN 13: 9782743007201) and also therapeutic traditions (Ouest-France 2011, ISBN 13: 9782737352546).

In addition, through our relationship with the company PHYTODIA specialized in **industrial Pharmacognosy**, we have access to a wide range of biological tests applied to the screening of plant extracts, allowing us to **evaluate the benefit / risk** of Alpine plants, not only through bibliographic criteria but also on experimental data about activity and probable toxicity.

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All of these elements seem to us perfectly in line with the objectives of the project "Alpine Medicinal Plants and traditional remedies" that can be supported by the European Community, to which we are keen to participate.

Thus, we intend to participate in the project as follows:

- Participation in the exploitation of data collected during field surveys, that will be used to select Alpine medicinal plants or traditional remedies
- Participation in sample collection and preparation of plant extracts for their scientific evaluation
- Assessment of their risk / benefit ratio (through bibliographic criteria and if necessary experimental criteria)
- Redaction of therapeutic monographs
- Participation in the dissemination of information to the population
- Participation in development projects of medicinal plants and/or substances with high added value identified in Alpine plants
- Transposition of positive economic initiatives to our local context.

I look forward to a successful working relationship in the future.

Yours sincerely,

Annelise Lobstein

