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Science brings Europe and India closer NEW INDIGO

SEVENTH FRAMEWORK PROGRAMME

Thursday 5 November
EU-India PARTNERING EVENT

PROFILE FORM

ORGANISATION DETAILS					
Organisation name	UppsalaUniversity				
Street *	University Hospital, Dept. of Surgical Sciences, Anesthesiology & Intensive Care Medicine				
ZIP * SE-75185	City * Uppsala		Country * Sweden		
Phone *+46-18-243899		Fax +46-18-243899			
Email * Sharma@surgsci.uu.se		Web www.surgsci.uu.se			
Employees	☐ 1-10	☐ 11 - 50	☐ 51 - 250	☐ 250 + x	
Organisation type	☐ University X	☐ Research Center	☐ Industry	☐ SME	☐ Other
Department	SurgicalSciences				
Short description of your company/organization	Iestablishedan International Uppsala CNS InjuryResearch Group withparticipationfromseveral EU, India and Australianscientists. Thisgroupalsoincludes NIH sceintistsfrom USA, US FDA, US Air Force and European Office ofAerospaceResearch&Development (EOAED). Ourgroupiscommittedtofindneurorpotectiveagentstotreatvarious CNS diseases. Currentlywealsofocussed on the useof nanoparticles in drugdelivery and tostudytheirtoxicity in the nervous system.				

PARTICIPANT			
Gender	☐ Mr x	☐ Ms	Title
First name			
Last name			
Position			

PARTNERSHIP PROPOSAL
EU-India partnering event session participation: ☐ *Sustainable production and management of biological resources from land, forest and aquatic environment* ☐ *Fork to farm: Food (including seafood), health and well being* ☐ *Life sciences, biotechnology and biochemistry for sustainable* ☐ *Health*
Areas of activity *(Free keywords)* Blood-brain barrier, brain edema, neuroprotection, brain pathology, nano-drug delivery, nanoparticles, neurotoxicity, substance abuse

PROJECT DESCRIPTION	
Title of your research project in one sentence	Neuroprotection and Neurorepair strategies in CNS injury
Short description of project	Brain or spinal cord injury caused by trauma, nanoparticles or substance abuse (e.g., morphine, methamphetamine, cocaine and MDMA) can lead to early neurodegenerative changes in the CNS. Our aim is to find neuroprotective agents that could be receptor modulators of neurotransmitters, or antibodies directed against neurotoxic agents. In addition, our aim is to see whether nano-drug delivery to these pharmacological agents may have an added value over the normal coimpunds.
Description of expertise offered	We could offer world class morphological techniques, light and electron microscopy, immunohistochemistry, animal models, electrophysiology and nanotechnology for drug delivery.
Description of requested partner expertise	Partners may have good laboratory facilities for animal experiments and have some interest in CNS disorders and their therapy.