

"I'm a PhD researcher and Professor of the Chemistry Department of the University of Coimbra, leading a small but dynamic group of 3 PhD Students plus a few other senior students and grant scientists. I have very good scientific relationships to other research groups here in Coimbra, from electrochemistry, X-ray crystallography, photochemistry to biochemistry. My research areas are organic synthetic chemistry in porphyrins, pyrroles and polypyrroles for applications in medicinal and environmental technologies. Those aspects are presented in detail in my web page (<http://www.uc.pt/pessoal/asobral/>). I'm involved in several financed projects and more recent financed project in which I'm de coordinator is POCI/AMB/55281/2004/:"Synthesis of new pyrrolic compounds for environmental technologies". Some of the pyrrolic compounds we are synthesising now as monomers to new polypyrroles for environmental sensors are very similar in structure to some pyrroles used as anti-viral agents. That coincidence led me to look for partners that may contribute to the development of new drugs to fight the avian influenza. I'm ware that probably several big companies are developing new drugs aimed to the avian influenza virus but I still believe that a dynamic group involving small companies and university groups may be able to give very positive answer to the serious problem of the avian influenza. That's why I'm looking for a scientific network aimed to develop solutions for the avian influenza."

Abílio José F. N. Sobral
Chemistry Department - FCTUC
University of Coimbra
3004-535 Coimbra
Portugal
+351 938 699 998
<http://www.uc.pt/pessoal/asobral/>