

## **Taljinder SINGH - CV**

He is a PhD Student at Sapienza University of Rome & ISS in collaboration with Istituto Superiore di Sanità. During the PhD he spent a period at Cardiff University Brain Research Imaging Centre – CUBRIC. He worked on Resonance Imaging (MRI), Magnetic Resonance Spectroscopy (MRS) and Functional Magnetic Resonance Imaging (fMRI), in particular he analyzed functional connectivity on the brain.

The Master's Degree is in "Nanotechnology Engineering" at Sapienza University of Rome with the thesis: From cellulose to nanocellulose: characterizations and applications in eco-sustainable agriculture, gaining experience on the following techniques: Atomic Force Microscope (AFM), Scanning Electron Microscope (SEM), X-Ray Diffraction (XRD) and Surface Plasmon Resonance (SPR).

The bachelor's Degree is in "Chemical Engineering" at Sapienza University of Rome with the thesis: Recovery of polyphenols from beer grains, gaining experience on the following technique: Spectrophotometry UV/Vis.

He has participated in national and international conferences and congresses, where the progress of the work has been presented in the form of posters and oral communications.