

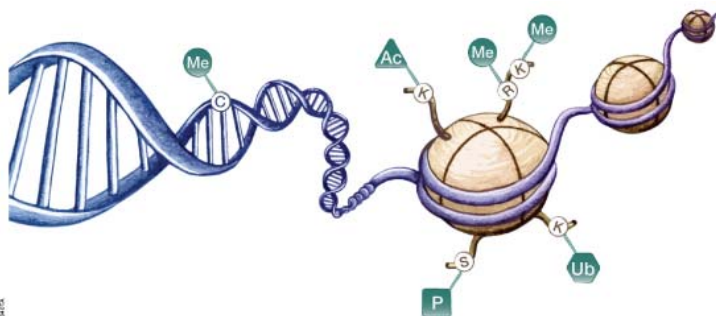
## Postdoctoral and PhD positions Signals and Epigenetic Mechanisms in Plant Stem Cell Regulation

The research team of Thomas Laux at the University of Freiburg in Germany is seeking highly motivated Postdoctoral and PhD candidates with a strong interest in plant development.

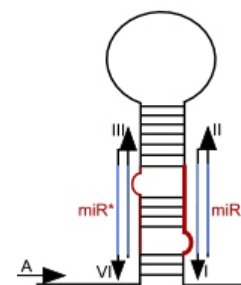
The goal is to study the interplay between environmental changes, cell-cell signaling, and epigenetic mechanisms that regulate stem cell activity in shoot and root apical meristems. The project is part of the German Excellent Initiative and employs molecular genetics, cell biology, and live imaging to dissect the networks that control the fate of a developing cell.

The department offers a creative and stimulating international scientific environment and high end facilities. The lab language is English. The city of Freiburg is located in the black forest, and is known for its attractive recreational possibilities next to France, Switzerland, and the Alps. German is not necessary in daily live.

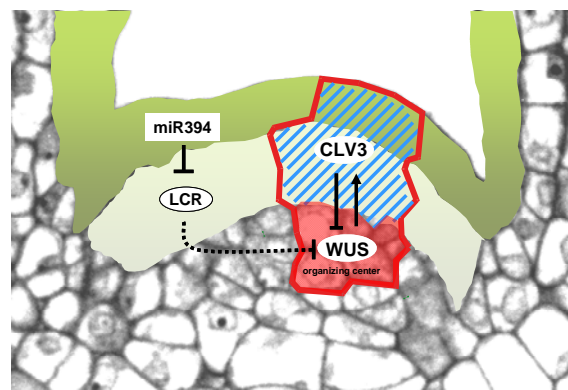
Further information: <http://www.biologie.uni-freiburg.de/LauxLab/> and per Email: [laux@biologie.uni-freiburg.de](mailto:laux@biologie.uni-freiburg.de)  
Publications, Cell: 95, 805; 100, 635; 105, 805; Nature: 446, 811; Dev.Cell: 14, 867; 20, 264; 24,125.



How do epigenetic modifications regulate stem cells?



How do mikro RNAs act in the meristem?



How do stem cells perceived environmental changes?