



Forest Biotechnology - in Umeå

Investing in your future



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Opportunities for research labs in Umeå

- **Umeå Plant Science Center, UPSC**
 - a world leader in forest biotechnology. 200 scientists, 34 nationalities and unique facilities for forest biotechnology
- **SweTree Technologies**
 - a world leading company in developing new clones of trees
- An annual throughput of **30 post-docs and graduate students** - this recruitment base of highly qualified scientists makes Umeå an ideal location for setting up a research center forest biotechnology

Areas of research at UPSC

- Growth and development of wood, flower, leaf and root tip
- Photosynthesis and plant stress
- Wood and fiber composition and chemistry
- Circadian clock, environmental cues and growth season control



Large projects at UPSC

- **FuncFibre** – produces planting stock with improved growth and fibre properties using molecular breeding
- **Spruce Genome Project** – mapping and analysis of the Swedish Spruce genome
- **BioImprove** – improves biomass and bioprocessing properties of wood
- **Bio4Energy** – creates sustainable biorefinery based on forest-sourced materials and organic waste
- **PareTree** – develops novel ways of managing the pine weevil in Swedish forestry

Get access to:

- first class personnel
- a world leading research environment in forest biotechnology
- unique facilities for transgenics, genomics, transcriptomics, metabolomics, proteomics, (Arabidopsis, Poplar and Spruce)
- cell wall analysis and somatic embryogenesis
- microscopy (SEM, TEM and confocals)
- controlled environments in growth chambers and field stations

Contactinformation



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Västerbotten Investment Agency (VIA) is a regional investment promotion agency dedicated to make the Västerbotten province the most attractive choice for foreign investors and companies thinking about establishing or expanding their business operations in North Sweden.