

**Name and surname:** Dr. Ivaylo Tsvetkov

**Nationality:** Bulgarian

**Date of birth (Optional):**

**Participation in COST Action FP0905:**

Member of MC, Member of WG1

**ESR at the time of starting the Action:** Not

**Contact data:**

**Institution/Organisation:**

Forest Research Institute

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**Personal webpage (if available)**

**Institute web page:** <http://www.bas.bg/fribas>

**Research area and species (key words):**

Plant biotechnologies, forest genetics, *in vitro* techniques, *ex situ* preservation of forest genetic resources, cryotechniques, stress physiology (*Populus*, *Quercus*, *Sorbus*, *Fraxinus*)

## CURRICULUM VITAE (Max 2 pages)

### Present position

2010, Senior researcher

### Education/Professional Career

Year	Position/Fellowship etc.
1977-1982	MS, University of Forestry, Sofia,
1987-1991	PhD, Institute of Genetic Engineering, Kositobrod
1992-2008	Research associate, Forest Research Institute, Tissue Culture Lab
1997-1998	University of Forestry, Sofia, Part-time assistant, Practical course on 'Basics of Forest Genetics'
1998, 2002-03	Short-time research visits in CRP "G. Lippmann", Luxembourg (6 months in total)
1999, 2000	NATO fellowships, CRP "G. Lippmann", Luxembourg
2007	STSM, COST action 871, IVALSA, Florence, Italy
2008 - present	Senior Researcher, Forest Research Institute

### Others

Year	Responsible for..., or member of etc..
2003 - present	Member of the Editorial Board of Journal 'Propagation of Ornamental Plants'

### Research Projects (relevant to Action)

*Title:*  
Year (Start-End) *EU/national/Regional*  
Role: Scientific Responsible or participant  
The main objective of the project is:

## **Selected Publications and Communications (relevant to Action)**

### **RESEARCH INSTITUTE (Max 1 page)**

#### Description

The Forest Research Institute (FRI) was established in 1928, intended to satisfy the social demand for scientific information on managing the forests in Bulgaria.

The FRI deals with fundamental, scientific and applied investigations in the fields of Ecology and Conservation of Forest Flora and Fauna, Structure and Functioning of Forest Ecosystems, Sustainable Development and Conservation of Biological Diversity under the conditions of Changing Environment, Genetics and Physiology of Forest Trees, Forest Microbiology; National Forest Policy, Management of the Forest as ecological and Raw-Material Resources.

The scientific activities are focused on the following specific fields:

- Biological Diversity and Structure of the Forest Ecosystems;
- Forest Genetic Resources, *in situ* and *ex situ* preservation
- Functioning and Dynamics of Forest Ecosystems;
- Forest Resources and their Environmentally Reproduction and Harvesting;
- Theoretical principles of Establishing, Managing and Preserving Forests.

#### Infrastructure

There are 5 research departments (Sylviculture, Forest genetics, physiology and plantations, Forest ecology, Forest entomology and phytopathology and Forest resources) and 2 laboratories (Forest pedology and Ecology of game fauna) in the Institute. The FRI is possessed of 4 experimental stations and 10 stations for bioecological investigations as well.

The Tissue Culture Lab belongs to the Department of “Forest genetics, physiology and plantations” and has at its disposal all the necessary equipment for basic plant biotechnology work (sterilizers, laminar-air boxes, balance, centrifuges, etc.).