

## Publication list

### *International journals*

1. **Pii Y.**, Molesini B., Pandolfini T. (2013) The involvement of *Medicago truncatula* non-specific lipid transfer protein N5 in the control of rhizobial infection. *Plant Signal Behav.* 8(7). doi:pii: e24836.
2. **Pii Y.**, Molesini B., Masiero S., Pandolfini T. (2012) The non-specific lipid transfer protein N5 of *Medicago truncatula* is implicated in epidermal stages of rhizobium-host interaction. *BMC Plant Biology.* 12: 233.
3. Molesini B., Pandolfini T., **Pii Y.**, Korte A., Spena A. (2012) *Arabidopsis thaliana* AUCSIA-1 regulates auxin biology and physically interacts with a kinesin-related protein. *PLoS ONE.* 7: e41327.
4. Molesini B., **Pii Y.**, Pandolfini T. (2011) Fruit improvement using intragenesis and artificial microRNA. *Trends in Biotechnology.* 30: 80-88.
5. **Pii Y.**, Pandolfini T., Crimi M. (2010) Signaling LTPs. A new plant LTPs sub-family? *Plant Signaling & Behaviour.* 5(5).
6. **Pii Y.**, Astegno A., Peroni E., Pandolfini T., Crimi M. (2009) The *Medicago truncatula* N5 gene encoding a root-specific lipid transfer protein is required for the symbiotic interaction with *Sinorhizobium meliloti*. *MPMI.* 22: 1577-1587.
7. **Pii Y.**, Crimi M., Cremonese G., Spena A., Pandolfini T. (2007) Auxin and nitric oxide control indeterminate nodule formation. *BMC Plant Biology.* 7: 21.
8. Frascari D., Pinelli D., Nocentini M., Fedi S., **Pii Y.**, Zannoni D. (2006) Chloroform degradation by butane-grown cells of *Rhodococcus aetherovorans* BCP1. *Applied Microbiology and Biotechnology.* 73: 421 - 428.
9. Frascari D., Zannoni A., Fedi S., **Pii Y.**, Zannoni D., Pinelli D., Nocentini M. (2005). Aerobic cometabolism of chloroform by butane-grown microorganisms: long-term monitoring of depletion rates and isolation of a high-performing strain. *Biodegradation,* 16: 147-158.