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## Program

Friday, June 16, 2017

### Microalgae Biotechnology

Venue: *National Technical Library, Hall 01*

Chairpersons: **Kateřina Biřov** *Institute of Microbiology, the Czech Academy of Sciences, Czech Republic*, **Yusuf Chisti** *Massey University, New Zealand*

- 10:30** Microalgae grown in stable isotopes (Invited lecture)  
**Kateřina Biřov** *Institute of Microbiology, the Czech Academy of Sciences, Czech Republic*
- 10:55** Towards industrial products from microalgae (Invited lecture)  
**Maria Barbosa** *Wageningen University, Netherlands*
- 11:20** Influence of inorganic salt precipitates on autoflocculation of microalgae (Invited lecture)  
**Tomas Brnyik** *Department of Biotechnology, UCT Prague, Czech Republic*
- 11:45** Screening cyanobacteria for novel compounds with potential anticancer activity (Invited lecture)  
**Pavel Hrouzek** *Institute of Microbiology, the Czech Academy of Sciences, Czech Republic*
- 12:10** Study of up- and downstream processes in *Microcystis aeruginosa* cultivation – One approach, two distinct objectives  
**Pedro Geda** *University of Minho, Portugal*
- 12:30-13:30** Lunch
- 13:30** Identifying knowledge gaps for an efficient anaerobic digestion of microalgae biomass (Invited lecture)  
**Cristina Gonzalez** *IMDEA Energy Institute, Spain*
- 13:55** Endopolyploidy, fragmentation and reconstitution of chromosomes by the heavy-ion beam irradiation in *Parachlorella kessleri* (Invited lecture)  
**Shigeyuki Kawano** *University of Tokyo, Japan*
- 14:20** Isolation and structural characterization of exopolysaccharides from microalgae *Dictyosphaerium chlorelloides* and *Porphyridium purpureum*  
**Roman Bleha** *Department of Carbohydrates and Cereals, UCT Prague, Czech Republic*
- 14:55** Wood hydrolysates as potential feedstocks for microalgae biomass, fatty acid and pigment production  
**Krystian Miazek** *University of Liege-Gembloux Agro-Bio Tech, Belgium*