

July 14-15, 2016 Brisbane, Australia

## Studies on nutrient uptake and culture conditions for synthesis of caffeine, (+)-catechine, (-)-epicatechin and (-)-epigallocatechin gallate in anther derived haploid cell lines of tea *Camellia sinensis* L

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 . . . . . P . . . . .  
 . . . . . TV21 . . . . . C . . . . .  
 . . . . . D . . . . . H,  
 . . . . . M . . . . . 120 . . . . . I . . . . .  
 . . . . . , (+)- . . . . . , (-)- . . . . . (-)- . . . . . HPLC . . . . .  
 . . . . . M . . . . . 2.7% . . . . . , 0.26 % (+)- . . . . . , 0.92% (-)- . . . . . 10.36%  
 . . . . . (-)- . . . . . 3.14% . . . . . , 0.48 % (+)- . . . . . , 1.3% (-)- . . . . . 11.3% (-)- . . . . . C . . . . .  
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### Biography

Rakhi Chaturvedi is the Professor at Biosciences and Bioengineering (BSBE) Department, IIT Guwahati, Guwahati. She has obtained her Bachelor's and Master's degrees from University of Allahabad, Uttar Pradesh, India. Subsequently, she has received MPhil and PhD degrees from University of Delhi, India in 1996 and 2001, respectively. After completing her Postdoctoral studies from Jawaharlal Nehru University, she has joined IIT Guwahati in the year 2004 as an Assistant Professor in the Department of BSBE. She has held important academic and administrative positions. She has served as Vice-Chairperson GATE-JAM 2013, Chairperson GATE-JAM 2014, Chairperson GATE-2015 and Organizing Chairperson JAM-2015 examinations. Currently, she is the Associate Dean of Alumni Affairs and External Relations at IIT Guwahati.

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