

12th Germplasm & Breeding section poster abstracts (BP)

BP1	<p>Thai sugarcane promising clone KK07-250 <i>Werapon Ponragdee*</i>, <i>Piyarat Jangpol</i>, <i>Ammarawan Tippayawat</i>, <i>Taksina Sansayawichai</i>, <i>Wanlipar Suchato</i>, <i>Wanlee Amonpon</i>, <i>Boonyapha Srihata</i>, <i>Sukalya Jenhang</i>, <i>Sunattha Attisilwet</i></p>
BP2	<p>Agronomic traits and root distribution of intergeneric F₁ and BC₁ hybrids between <i>Saccharum</i> spp. hybrid and Thai <i>Erianthus arundinaceus</i> in North-East Thailand <i>Amarawan Tippayawat*</i>, <i>Yoshifumi Terajima</i>, <i>Werapon Ponragdee</i>, <i>Taksina Sansayawichai</i>, <i>Shin Irei</i>, <i>Akira Sugimoto</i>, <i>Shotaro Ando</i></p>
BP3	<p>Breeding new resilient and high yielding sugarcane cultivars for stress environments in Brazil <i>Geraldo Veríssimo de Souza Barbosa</i>, <i>João Messias Dos Santos*</i>, <i>José Vieira Silva</i>, <i>Lailton Soares</i>, <i>Carlos Assis Diniz</i>, <i>Edjane Gonçalves De Freitas</i>, <i>Adeilson Mascarenhas de Oliveira Silva</i>, <i>Danilo Eduardo Cursi</i>, <i>Hermann Paulo Hoffmann</i></p>
BP4	<p>Seed characterization and preservation for fuzz exchange <i>Edison Silva*</i>, <i>Fabricio Martínez</i>, <i>Tito León</i>, <i>Cervando Madrid</i>, <i>Mayra Valdez</i>, <i>Roberto Díaz Juárez</i></p>
BP5	<p>Effect of high temperatures on flowering and true seed germination in sugar cane <i>María B. García</i>, <i>Carolina Díaz Romero</i>, <i>Santiago Ostengo*</i>, <i>Jorge Forciniti</i>, <i>María I. Cuenya</i></p>
BP6	<p>Presence of a resistance gene to brown rust (Bru1) in Brazilian varieties and sugarcane clones <i>Samantha Cenci Jaronski Dos Santos</i>, <i>Lucimeris Ruaro</i>, <i>Tales Romano</i>, <i>Joao Carlos Bepalhok Filho*</i></p>
BP7	<p>Nitrogen use efficiency – a tool for screening drought tolerant sugarcane varieties at early growth stage <i>Dinh Thai Hoang*</i>, <i>Hiroo Takaragawa</i>, <i>Yoshinobu Kawamitsu</i></p>
BP8	<p>Selection of energy cane clones by logistic model <i>J Borella</i>, <i>B P Brasileiro</i>, <i>Ricardo Augusto De Oliveira</i>, <i>Joao Carlos Bepalhok Filho*</i></p>
BP9	<p>Association of physiological responses and root distribution patterns to ratooning ability and yield of the 2nd ratoon crop in elite sugarcane clones <i>Patcharin Songsri*</i>, <i>Saranya Chumphu</i>, <i>Nuntawoot Jongrunklang</i></p>
BP10	<p>Physiological traits related to high sugar yield of 40 sugarcane genotypes grown under rainfed condition <i>Patcharin Songsri*</i>, <i>Jiraporn Nata</i>, <i>Nuntawoot Jongrunklang</i>, <i>Nam-aoi Bootprom</i></p>
BP11	<p>Association of the physiological responses on yield and agronomic traits of 19 sugarcane genotypes grown under rainfed condition <i>Patcharin Songsri*</i>, <i>Jiraporn Nata</i>, <i>Nuntawoot Jongrunklang</i></p>
BP12	<p>Leaf anatomical traits of sugarcane F₁ hybrid derived from parents having different genetic background <i>Supaporn Junkudling*</i>, <i>Worasitikulya Taratima</i>, <i>Patcharin Songsri</i>, <i>Nuntawoot Jongrunklang</i></p>

9th Molecular Biology section poster abstracts (MP)

MP1	Development of microsatellite markers from sugarcane (<i>Saccharum officinarum</i> L.) Phil 97-3933 <i>John Moises G. Relles*</i> , <i>Rimmon T. Armones</i> , and <i>Antonio C. Laurena</i>
MP2	Assessment of genetic diversity of first priority parentals of the sugar regulatory administration <i>John Moises G. Relles*</i> , and <i>Antonio C. Laurena</i>
MP3	Transcriptomic analysis of sugarcane callus in response to an <i>Agrobacterium</i>-mediated transformation process <i>Elaine Cristina Alexandre</i> , <i>Leonardo Cardoso Alves</i> , <i>Renato Vicentini*</i> , <i>Monalisa Sampaio Carneiro*</i>
MP4	Length and nucleotide sequence polymorphism at the <i>trnL</i> and <i>trnF</i> non-coding regions of chloroplast genomes among <i>Saccharum</i> and <i>Erianthus</i> species <i>Yong-Bao Pan*</i> , <i>James R. Todd</i> , <i>Brian E Scheffler</i> , <i>Lionel Lomax</i> , <i>Sheron Simpson</i> , <i>Fanny Liu</i> , <i>Michael P. Grisham</i>
MP5	Presence of a resistance gene to brown rust (Bru1) in Brazilian varieties and sugarcane clones <i>Samantha Cenci Jaronski Dos Santos</i> , <i>Lucimeris Ruaro</i> , <i>Tales Romano</i> , <i>Joao Carlos Bespalhok F*</i>
MP6	Improvement of sugarcane for stress environments in South Africa <i>Watt DA*</i>
MP7	Comprehensive transcriptome analysis reveals genes in response to water deficit in the growing point of <i>Saccharum</i> <i>Hui Zhou*</i> , <i>Rong-zhong Yang</i> , <i>Xi-hui Liu</i> , <i>Yang-rui Li</i>
MP8	A molecular identity database of sugarcane (<i>Saccharum</i> spp.) clones constructed with microsatellite (SSR) DNA markers <i>Yong-Bao Pan*</i> , <i>James Todd</i> , <i>Brian E. Scheffler</i> , <i>Lionel Lomax</i> , <i>Sheron Simpson</i> , <i>Edwis Dufrene</i> , <i>Anna Hale</i> , <i>Michael Grisham</i> , <i>Herman Waguespack Sr.</i> , <i>Atticus Finger</i>