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         Boshou Liao, China
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         Graeme Wright, Australia
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Members: Peggy Ozias-Akins
         Shyam Tallury
         Corley Holbrook
         Noelle Barkley
         Patrick Archer
AAGB-2014

Advances in Arachis
Through Genomics & Biotechnology

7th International Conference of the Peanut Research Community

November 11 – 14, 2014

Savannah Marriott Riverfront
Savannah, Georgia 31401 USA

Organized by

The Peanut Foundation
Peanut Mycotoxin and Innovative Programs, UGA/USAID
PROGRAM HIGHLIGHTS

Monday, November 10

14:00 – 18:00  Registration .................................................................Foyer
14:00 – 18:00  Poster set-up ...............................................................Pre-function

Tuesday, November 11

07:00 – 08:00  Breakfast .................................................................Ballroom A
08:00 – 17:00  Registration .................................................................Foyer
09:00 – 10:00  Session I: Inauguration ........................................Ballroom D & E
10:00 – 10:30  Tea/Coffee Break .......................................................Foyer
10:30 – 12:00  Session I (cont.) .......................................................Ballroom D & E
12:00 – 13:30  Lunch ........................................................................Ballroom A
13:30 – 15:10  Session IIA: The Peanut Genome Project ........Ballroom D & E
15:10 – 15:40  Tea/Coffee Break – Poster Viewing .....................Foyer/Pre-function
15:40 – 16:40  Session IIB: The Peanut Genome Project ........Ballroom D & E
16:40 – 17:00  Group Picture
17:00 – 18:00  Reception .................................................................Atrium
18:30 – 21:00  River Cruise and Dinner ........................................Waterfront

Wednesday, November 12

07:00 – 08:00  Breakfast .................................................................Ballroom A
08:00 – 17:00  Registration .................................................................Foyer
08:00 – 9:50  Session III: Allelic Diversity & Germplasm Resources ...Ballroom D & E
09:50 – 10:20  Tea/Coffee Break – Poster Viewing .....................Foyer/Pre-function
10:20 – 12:00  Session IV: Aflatoxin Elimination .................Ballroom D & E
12:00 – 13:30  Lunch .................................................................Ballroom A
13:30 – 15:10  Session V: Genetic Trait Mapping & Gene Discovery ...Ballroom D & E
15:10 – 15:40  Tea/Coffee Break – Poster Viewing .....................Foyer/Pre-function
15:45 – 18:00  Session VI: PeanutBase & Bioinformatic Resources ....Ballroom D & E
18:00 – 19:30  Dinner (on your own)
19:40 – 21:00  Trolley/Ghost Tour ..............................................Waterfront
(staggered times with 30/group)

Thursday, November 13

07:00 – 08:00  Breakfast .................................................................Ballroom C
08:00 – 18:00  Registration .................................................................Foyer
08:00 – 10:10  Session VIIA: Crop Improvement .........................Ballroom D & E
10:10 – 10:40  Tea/Coffee Break – Poster Viewing .....................Foyer/Pre-function
10:40 – 12:00  Session VIIIB: Crop Improvement ......................Ballroom D & E
12:00 – 13:30  Lunch .................................................................Ballroom C
13:30 – 15:30  Session VIII: The Path forward .........................Ballroom D & E
15:30 – 16:00  Tea/Coffee Break – Poster Viewing .....................Foyer/Pre-function
16:00 – 17:00  Session IX: Closing Ceremony .........................Ballroom D & E
17:00  Adjourn
19:00 – 21:00  The Pirates’ House (Dinner) .............................20 E. Broad Street
21:00 – 22:30  Moon River Brewery ........................................21 W. Bay Street

Friday, November 14

Optional Tours
Coastal Georgia Botanical Gardens at the Historic Bamboo Farm
Savannah Trolley Tours
Museum Tours
Tuesday Morning, November 11

Session I: Inauguration
Chair: H. Thomas Stalker

9:00 Welcome .......................................................... Tom Stalker
Chair, AAGB-2014

9:10 Video, President Jimmy Carter .... Howard Valentine
Executive Secretary
The Peanut Foundation

9:25 Importance of Agriculture in Georgia .......... Dean J. Scott Angle
UGA College of Agriculture & Environmental Sciences

9:40 Importance of Genomics to the International Community David Hoisington
International Director Peanut & Mycotoxin Program

9:55 Announcements .................................................. Tom Stalker

10:00 Break

10:30 Genomic selection in plants: Empirical results and implications for crop improvement
ME Sorrels
Department of Plant Breeding & Genetics, Cornell University, Ithaca, NY USA

11:15 Genomic enhancement of maize for aflatoxin resistance
M Warburton*, P Williams, G Windham, S Murray, W Xu, A Perkins, J Tang & L Hawkins
*USDA ARS Corn Host Plant Resistance Research Unit, Mississippi State, MS; USA

12:00 Lunch

Tuesday Afternoon, November 11

Session IIA: The Peanut Genome Project
Chairs: Xin Liu & Manish Pandy

13:30 The genome architectures of Arachis duranensis and A. ipaënsis and their comparison to the component genomes of A. hypogaea
D Bertioli*, L Froenicke, X Liu, S Cannon, B Vidigal, D Gao, A Farmer, B Abernathy, M Moretzsohn, ACG Araujo, P Ozias-Akins, S Bertioli, R Michelmore & SA Jackson
*UGA, Athens, GA, USA; University of Brasilia, Brasilia, Brazil

14:00 Phenotyping Arachis hypogaea populations for development of genetic markers that can be used in MAS
*USDA-ARS; Tifton, GA, USA

14:20 Assessing the BAC-to-BAC assembly strategy for the A. hypogaea genome
X Liu*, G Huang, L Liang, S Cheng, X Xun
*BGI, China

14:40 Update on the peanut genome and comparisons to other legumes
*UGA, Athens, GA, USA

15:00 Break

Session IIB: The Peanut Genome Project
Chairs: Ran Hovav & Scott Jackson

15:40 The Arachis transcriptome
J Clevenger, Y Chu, D Bertioli, S Bertioli, B Scheffler, L Froenicke, R Hovav, B Abernathy, S Jackson, C Holbrook & P Ozias-Akins*
*The University of Georgia, Tifton, USA

16:00 Whole-transcriptome analysis of peanut tissues using next-generation sequencing: Toward an RNA-Sea atlas for NM Valencia C
P Payton, X R Kottapalli*, P Puppala
*Texas Tech University, Lubbock, TX USA

16:20 Transcriptome profiling of peanut developing seed with a focus on duplicate oil related pathways
K Gupta, I Hedvat, P Ozias-Akins, J P Clevenger, R Hovav*
*Plant Science Institute, ARO, Bet-Dagan, Israel
Wednesday Morning, November 12

Session III: Allelic Diversity & Germplasm Resources
Chairs: Guillermo Seijo & Tom Stalker

8:10 Arachis species and germplasm management
HT Stalker
NC State University, Raleigh, NC, USA

8:30 Roadmap of the USDA peanut germplasm collection: Past, present and future direction
NA Barkley
USDA-ARS PGRCU, Griffin, GA, USA

8:50 An overview on peanut germplasm collection, evaluation, and utilization in China
H Jiang, X Ren, Y Chen, L Huang, X Zhou, Y Lei, L Yan, L Wan, B Liao*, H Upadhyaya & B Guo* Oil Crops Research Institute -CAAS, Wuhan, Hubei, PR China

9:10 Species, genomes and diversification in section Arachis
Botanical Institute of the Northeast (IBONE, UNNE-CONICET). Corrientes, Argentina

9:30 Characterization of Gregory x Arachis diogoi (GK 10602; PI276235) interspecific hybrid population
SP Tallury*, R Srinivasan, P Chu, W Park & T Ramney
*Clemson University, PDREC, Florence, SC, USA

Session IV: Aflatoxin Elimination
Chairs: David Hoisington & Farid Waliyar

10:20 Developing an in vitro method to assess aflatoxin biosynthesis suppression in Aspergillus flavus through RNAi technologies
ER Palencia, RS Arias, V Sobolev & P Dang*
*USDA-ARS National Peanut Research Laboratory, Dawson, GA, USA

10:40 Using RNAi technology against mycotoxin-producing Aspergillus and Fusarium species
CL Niblett* & AM Bailey
*Venganza, Inc., St. Augustine, FL, USA

11:00 Transgenic interventions for host-plant resistance for Aspergillus flavus infection and aflatoxin contamination in peanut
P Bhatnagar-Mathur*, HK Sudini & KK Sharma
*ICRISAT, Patancheru, Hyderabad, India

11:20 Combining genomic approaches to understand genetic control of aflatoxin contamination in peanut
SN Nayak*, HK Sudini, G Agarwal, MK Pandey, HD Upadhyaya, P Janila, F Hamidou, H Desmae, P Ozias-Akins, B Guo & RK Varshney
*ICRISAT, Hyderabad, India

11:40 Discussion

12:00 Lunch

Session V: Genetic Trait Mapping & Gene Discovery
Chairs: Boshou Liao & Peggy Ozias-Akins

13:30 Progress on genetic linkage maps, traits/QTLs, and utilization in two recombinant inbred line populations of peanuts (Arachis hypogaea L.)
*USDA-ARS, Crop Protection and Management Research Unit, Tifton, GA, USA

13:50 Prospects for a SNP chip in cultivated Peanut (Arachis hypogaea) utilizing the leaf transcriptome
JP Clevenger*, C Chavarro, S Pearl, S Jackson & P Ozias-Akins
*University of Georgia, GA, USA

14:10 The use of the diploid Arachis genomes to aid introgression of wild segments into peanut
S Leal-Bertioli*, MM Moretzsohn, P Ozias-Akins, Y Chu, C Holbrook, C Ballen, C Chavarro, B Abernathy, AP Fávero, S Pearl, I Godoy, SA Jackson & DJ Bertioli
*Embrapa, Brasilia, Brazil; University of Georgia, Athens, GA, USA

14:30 Interspecific resolutive mapping populations for marker/trait association in peanut
D Fonceka*, H-A Tossim, I Faye, D Bertioli, S Leal-Bertioli, V Vadez, JC Glaszmann, B Courtois & JF Rami
*CIRAD UMR AGAP, CERAAS, Thiès, Senegal

14:50 Research progress on peanut genetic trait mapping in China
XY Z*, S.Y. Han1, BY Huang & XJ Wang
*Henan Academy of Agricultural Sciences, Zhengzhou 450002, PR China

15:10 Break
**Session VI: PeanutBase & Bioinformatic Resources**  
*Chairs: Steven Cannon & Jean-Marcel Ribaut*

**15:45** Using PeanutBase to explore the *Arachis* genomes and peanut genetic information.  
S Dash, EKS Cannon, S Kalberer, J Singh, D Bitragunta, L Ren, W Huang, N Weeks, J Dickerson, A Farmer, S Cannon*  
*USDA-ARS, Ames, IA, USA*

**16:45** Integrated Breeding Platform: A novel set of tools and services to support breeding programs  
JM Ribaut  
Generation Challenge Program, c/o CIMMYT, El Batan, Texcoco, Mexico

**17:45** General Discussion on Software Options for Peanut

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**Thursday Morning, November 13**

**Session VIIA: Crop Improvement**  
*Chairs: Soraya Bertioli & Mark Burow*

**8:10** Challenges and Research Opportunities for Peanut Production and Pest Management in the USA  
DL Jordan*, WS Monfert & JE Woodard  
*Department Crop Science, North Carolina State University, Raleigh, NC, USA

**8:30** Peanut improvement for drought prone environments of Sub-Saharan Africa: Did we get good old agronomy right?  
V Vadez, O Hailou, F Hamidou, A Soltani, T Sinclair & F Waliyar*  
*ICRISAT, Sahelian Center, BP, Niamey, Niger

**8:50** Diseases of Peanut  
AK Culbreath*, TB Brenneman & IL Power  
*The University of Georgia, Tifton, GA, USA

**9:10** Considerations for marker-assisted selection in peanut  
MD Burow*, R Chopra, J Chagoya, CE Simpson, D Bertioli, Soraya Leal-Bertioli, CC Holbrook, HT Stalker, B Guo & R Varshney  
*Texas A&M AgriLife Research, Lubbock, TX, USA

**9:30** Changes in yield potential, grade, and seed weight among University of Florida advanced breeding lines and recently released cultivars  
BL Tillman  
North Florida REC, University of Florida, Marianna, FL, USA

**9:50** Towards deploying genomic selection for improving complex traits in peanut  
MK Pandey*, HD Upadhyaya, P Janila, A Rathore, P Khera, Y Hong, X Liang, B Guo & RK Varshney  
*ICRISAT, Hyderabad, India

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**Thursday Afternoon, November 13**

**Session VIII: The Path Forward**  
*Chairs: Rich Wilson & Victor Nwosu*

**13:30** Establishing Research Priorities to Meet Stakeholder Expectations  
Richard Wilson

**13:45** What Does the Industry Expect From IPGI?  
George Birdsong

**14:00** Interactive General Session Discussion & Strategic Planning Topics: Important problems that threaten global peanut supply & quality  
Up to Three Facilitated Breakout Groups

**16:30** Tea/Coffee Break View Posters

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**Session IX: Closing Ceremony**

**17:00** Reports from Breakout Groups ............................................................Breakout Facilitators

**17:20** Awards & Recognition .................................................................Richard Wilson

**17:30** Conference Wrap-up and Next Steps ...................................................Tom Stalker

**17:45** Next Meeting & other Business .........................................................Howard Valentine
1. Drought tolerance mechanisms for responses to pre and post flowering drought stress of groundnut in a dryland ecology
   AA Adnan, JM Jibrin, SG Mohammed, HA Ajeigbe, BN Motagi & AS Shaibu

2. Impact of groundnut rosette disease on nutritive value and elemental composition of four varieties of peanut (Arachis hypogaea)
   AS Appiah, R Tegg, SK Ofei & CR Wilson

3. Mapping of differentially expressed genes of Arachis stenosperma under Meloidogyne arenaria infection onto Arachis duranensis pseudomolecules
   C Ballen, S Leal-Bertioli, P Guimaraes, OB Silva-Júnior, ACM Brasilheiro, SA Jackson & D Bertioli

4. Analysis of mutant populations for association of taxonomic and productivity traits with transposable element (TE) markers in peanut
   RS Bhat, Venkatesh, MV Kamble, AA Hake, BN Motagi, HL Nadaf, S Lingaraju, Suvendu Mondal, AM Badigannavar & MCV Gowda

5. Identification of SNPs for Arachis hypogaea L. genotypes using GBS and RNA-Seq based on the two diploid reference genomes
   C Chavarro, J Clevenger, S Pearl, Y Chu, B Abernathy, CC Holbrook, N Barkley, S Jackson, P Ozias-Akins

6. A study on influencing factors of seed dormancy in peanut (Arachis hypogaea L.)
   J Chen, L Jiang, CM Wang, XH Hu, HQ Zhai & JM Wan

7. Expression analysis of cDNAs fragment encoding ABA 8’-hydroxylase in peanut (Arachis hypogaea L.) dormant seeds
   J Chen, L Jiang, CM Wang, XH Hu, HQ Zhai & JM Wan

8. Transcriptome comparison of resistant and susceptible peanut (Arachis hypogaea L.) in response to Ralstonia solanacearum
   Y Chen, H Jiang, L Huang, X Ren, X Zhou, Y Lei & B Liao

9. Cloning and functional analysis of fatty acid desaturase genes from peanut (Arachis hypogaea L.)
   X Chi, L Pan, N Chen, M Chen, T Wang, M Wang, Z Yang & S Yu

10. Transcript-based SNP map and QTL analysis of plant architecture and seed traits of F2 lines developed from an interspecific cross of Arachis duranensis x Arachis cardenasii
    R Chopra, CE Simpson, A Hillhouse, P Payton, J Sharma & MD Burow

11. A transcriptome map for geocarpic fruit development in Arachis hypogaea
    J Clevenger, Y Chu, J Conner, B Abernathy, B Scheffler, S Jackson, CC Holbrook & P Ozias-Akins

12. Phenotyping the RIL population of Tifrunner x C76-16 for drought tolerance in peanuts
    P Dang, J Carter, R Sorensen, M Lamb, C Butts, CC Holbrook, TG Isleib, P Ozias-Akins, Y Chu & C Chen

13. PeanutBase: A community resource to help improve peanut varieties by integrating genetic, genomic, and trait information
    S Dash, EKS Cannon, S Kalberer, J Singh, B Bitragunta, L Ren, W Huang, N Weeks, J Dickerson, A Farmer, S Cannon

14. The potential role of oxidative stress in Aspergillus flavus survivability and aflatoxin biosynthesis
    JC Fountain, L Yang, P Khera, RC Kemerial, R D Lee, RK Varshney, BT Scully & B Guo

15. Selection for high oleate phenotype with foliar disease resistance from backcross population in groundnut (Arachis hypogaea L.)
    K Gangadhara, HL Nadaf & G Mukri

    M He, X Yang, S Cui, G Mu, M Hou, H Chen & L Liu

17. Cloning and expression analysis of four DELLA genes in peanut
    L Hou, J An, C Li, CX Wang, H Xia, CS Li, YX Zheng, YX Zhao & XJ Wang

18. Three high oleic groundnut varieties from SPRI
    M Huarong, H Xiaohui, C Fenggao, Y Weiqing, S Yunqing & C Jing

19. Genetic variability and marker detection for rust resistance in recombinant inbred lines and backcross inbred lines of groundnut (Arachis hypogaea L.)
    SA Jakkeral, HL Nadaf, MCV Gowda, RS Bhat, B Motagi, M Mukri, P Ganagshetty, A Talawar & B Archana

20. Backcross breeding in groundnut (Arachis hypogaea L.)
    SA Jakkeral, HL Nadaf, MCV Gowda, RS Bhat, B Motagi, M Mukri, P Ganagshetty, A Talawar & S Kolakar

21. Association of relative water content (RWC) and specific leaf weight (SLW) as indicators of drought tolerance in peanut (Arachis hypogaea L.)
    Jackkeral, SA, Savita, PV Kenchanagoudar, HL Nadaf & HD Upadhyaya

22. Quantitative trait locus analysis and construction of consensus genetic map for agronomic traits based on three F2 populations
    H Jiang, L Huang, X Ren, Y Chen, X Zhou, Y Lei & B Liao

23. Marker assisted backcrossing (MABC) to improve oil quality in peanut
R Katam, K Sakata, JN Mays, MS Silva & KS Naik

K Biradar, G Mukri & HL Nadaf

26. QTL mapping and quantitative disease resistance to TSWV and leaf spots in a recombinant inbred line population SunOleic 97R and NC94022 of peanut (Arachis hypogaea L.)
P Khera, H Wang, AK Culbreath, MK Pandey, RK Varshney, X Wang, B Liao, X Zhang, J Wang, CC Holbrook & B Guo

27. Development of introgression lines and advanced backcross QTL analysis for disease resistance, oil quality, and yield component traits in peanut
P Khera, MK Pandey, N Mallikarjuna, M Srirawthi, M Roorkiwal, P Janila, K Shilpa, HSudini, B Guo & RK Varshney

28. Identification of conjoint genomic regions for multiple traits using RIL populations through meta-QTL analysis in peanut
P Khera, Y Shasidhar, MK Pandey, M Srirawthi, V Vadez, Y Hong, S Yu, X Liang, H Li, B Guo & RK Varshney

29. Functional identification of the oleosin gene promoter in peanut (Arachis hypogaea L.)
FZ Liu, YP Lu, XD Li, K Zhang & YS Wan

30. Studies on genetic parameters in early generation recombinant Inbred Lines of the cross NRCG 12568 × NRCG 12326 for growth parameters, traits related to WUE, yield and yield attributing traits in groundnut (Arachis hypogaea L.)
K Mallikarjuna, DL Savithramma, Vijayabharathi & SV Madhu

31. K 1341, a high yielding large seed Virginia bunch groundnut variety with multiple resistances for biotic and abiotic traits released for cultivation
KSS Naik, AP Rajesh, K Vemana, DS Kumar, K Ramesh, NT Sankara & SM Basha

32. Comprehensive association analysis for 50 agronomic traits in peanut using the ‘reference set’ comprising 300 genotypes from 48 countries of the semi-arid tropics of the world
MK Pandey, HD Upadhyaya, A Rathore, V Vadez, MS Sheshshayee, MSrithawthi, M Govil, A Kumar, MVE Gowda, S Sharma, F Hamidou, VA Kumar, P Khera, RS Bhat, AW Khan, S Singh, H Li, E Monyo, HL Nadaf, G Mukri, SA Jackson, B Guo, X Liang & RK Varshney

33. Molecular marker discovery and validation from peanut (Arachis hypogaea L.) transcript sequences
Z Peng, M Gallo, D Rowland & J Wang

34. Evaluation of groundnut genotypes for resistance to aflatoxin contamination
M Ranganathswamy, ST Naik, BN Motagi & HK Sudini

35. K 1501, a high yielding large seed Virginia bunch confectionary groundnut at agricultural research station, India
KR Reddy, KSS Naik, RA Prasanna, K Vemana, KD Sampath, NT Sankara & K Ramesh

36. Physiological response and yield of paclobutrazol treated peanut (Arachis hypogaea L.)
KD Sampath, KSS Naik, AP Rajesh, K Vemana & K Ramesh

37. Inheritance of SPAD chlorophyll meter reading and specific leaf area in two crosses of groundnut (Arachis hypogaea L.)
DL Savithramma & A Vijayabharathi

38. Utilization of wild Arachis species for peanut improvement
S Sharma, HD Upadhyaya & RK Varshney

39. DArT/DArTseq based genetic mapping for identification of genomic regions controlling oil content in peanut
Y Shasidhar, MK Pandey, P Janila, MK Vishwakarma, SN Nigam, HD Upadhyaya & RK Varshney

40. Association between root and physiological traits in response to post flowering drought stress in groundnut (Arachis hypogaea L.)
P Srivalli & HL Nadaf

41. Candidate SNP markers for high oleate content in peanut
Y Tang, X Wang, Q Wu, Q Sun & C Wang

42. Identifying SSR markers linked to TSWV resistance in peanut cultivar, Florida-EPTM’113’
YC Tseng, B Tillman, & J Wang

43. An international initiative to conduct comprehensive genome-wide association studies (GWAS) for an array of agronomic traits in peanut

44. In Vitro evaluation of biocontrol agents against stem rot (Sclerotium rolfsii) and dry root rot (Rhizoctonia bataticola) of peanut
K Vemana, S Shabeer, CS Md Khureshee, JG Padma, S Shamseer, TS Narayana, A Rajesh, D Sampath Kumar, KSS Naik & R Katam
45. Construction of genetic linkage map and QTL analysis for yield and WUE related traits based on SSR markers for cultivated groundnut (*Arachis hypogaea* L.)
    A Vijayabharathi & DL Savithramma

46. DArT/DArTseq based genetic mapping for identification of genomic regions for different fatty acids which control oil quality in peanut
    MK Vishwakarma, P Janila, MK Pandey, Y Shasidhar, SN Nigam, HD Upadhyaya & RK Varshney

47. Proteome analysis of peanut gynophores and early swelling pods
    XJ Wang, CZ Zhao, SZ Zhao, L Hou, CS Li & H Xia

48. Development of SNP markers associated with resistance to Northern Root-knot nematode disease in cultivated peanut
    MQ Xu, SL Li, H Wang, YM Shi, Y Ren, L Ying, M Yuan, ZW Liu & GH He

49. Development of late leaf spot and rust tolerant genotypes from TMV 2 and JL 24 by marker assisted backcross breeding in groundnut
    SB Yeri, RM Kolekar, BN Motagi, HL Nadaf, S Lingaraju, MVC Gowda & RS Bhat

50. The developmental oil mobilization of the peanut seed transcriptome
    D Yin, Y Wang, X Zhang, W Zhang, H Li, D Cui & S Chen

51. Molecular characterization of five lines and three commercial varieties of peanut (*Arachis hypogaea* L.)
    AR Zacarias-Martínez, S Sánchez-Domínguez, MG Peña-Ortega

52. Screening for early maturing germplasm and attributing characteristics to identify associated SNPs in cultivated peanut
    XY Zhang, BY Huang, ZQ Sun, LJ Miao, FY Qi, L Shi, WZ Dong & FS Tang

53. Cloning, expression and evolutionary analysis of peanut HIR gene
    CZ Zhao, Y Liu, CS Li, C Li & XJ Wang

54. Molecular cloning, expression and evolution analysis of type II CHI gene from peanut (*Arachis hypogaea* L.)
    SZ Zhao, Y Liu, CZ Zhao, HS Guan, L Hou & XJ Wang

55. Genetic mapping and QTL analysis of agronomic traits in cultivated peanut (*Arachis hypogaea* L.)
    X Yang, J Zhou, S Cui, G Mu, M Hou, H Chen & L Liu

56. Identification of quantitative trait loci for important agronomic traits in cultivated peanut (*Arachis hypogaea* L.)
    LZ Li, FZ Liu, YS Wan & K Zhang

57. Selection of interspecific lines at the first backcross generation for the runner market in Brazil
    TMF Suassuna, ND Suassuna, SCM Leal-Bertioli, DJ Bertioli, MC Moretzsohn & EP Medeiros