

**17th Annual John Goldman Conference on  
Chronic Myeloid Leukemia: Biology and Therapy  
Lisbon, Portugal  
October 1-4, 2015**

These abstracts are presented in alphabetical order according to the name of the first author.

**BIOLOGY POSTERS**

- POSTER 1: Prevalence of weak D antigen in Pakistani population  
*Sheraz Anjum*
- POSTER 2: Colocalization of Ph domain of BCR-ABL fusion protein with cortactin and ubiquitin-specific protease 1 and its role in molecular pathogenesis of BCR-ABL positive leukemias  
*Svitlana Antonenko, Dmytro Gurianov, Gennadiy Telegeev*
- POSTER 3: Transcriptional analysis of chronic myeloid leukemia stem cells  
*Socrates Avilés-Vazquez, Antonieta Chavez-Gonzalez, Lourdes Andrea Arriaga-Pizano, Manuel Ayala, Alfredo Hidalgo-Miranda, Héctor Mayani*
- POSTER 4: CML CD34+CD15- cells show a specific pattern of DNA methylation profile as compared to differentiated CD34- CD15+ CML cells and healthy counterpart subsets  
*Céline Bourgne, Franck Court, Agnès Guerci, Alexandre Janel, Juliette Berger, Eric Hermet, Philippe Arnaud, Marc G. Berger*
- POSTER 5: Apoptomirs expression modulation by l-amino acid oxidase from calloselasma rhodostoma in bcr-abl positive cell lines  
*Sandra Burin, Tassia Costa, Luciana Ambrosio, Cristiane Tavares, Sandro Ghisla, Suely Sampaio, Fabiola Castro*
- POSTER 6: *Novel BCR-ABL1 transcripts generated by alternative splicing in Philadelphia positive patients*  
*Gabriella Cirmena, Sara Guariento, Gabriele Zoppoli, Adalberto Ibatici, Claudia Palermo, Ana Garuti, Germana Beltrami, Micaela Bergamaschi, Paola Fossa, Marco Gobbi, Angelo Michele Carella, Alberto Ballestrero*
- POSTER 7: The role of dietary eicosapentaenoic acid in models of experimental leukemia  
*Emily R. Finch, Laura L. Goodfield, Avinash K. Kudva, Michael D. Quickel, Shailaja N. Hegde, Jay R. Whelan, Robert F. Paulson, K. Sandeep Prabhu*
- POSTER 8: Comparative analysis of BCR-ABL and VEGFR2 inhibitory activities of ponatinib, axitinib, and PF-114  
*Joseph M. Gozgit, Youngchul Song, Theresa Baker, Francois Gonzalez, Xiaotian Zhu, Stephan G. Zech, Matthew T. Greenfield, Tianjun Zhou, Paul M. Taslimi, David C. Dalgarno, Victor M. Rivera*

- POSTER 9: Development of international scale secondary standards for BCR-ABL1 transcript quantitative assay  
*Joseph Keierleber, Clark Rundell, Joan Gordon, Gwo-Jen Day, Krupa Shridhar, Wendy Wong*
- POSTER 10: Ph<sup>+</sup> cells transfer BCR-ABL into endothelial cells through extracellular vesicles: a new mechanism of cell interactions in the leukemic niche  
*Teresa Lopes Ramos, Luis Ignacio Sanchez-Abarca, Guillermo Lopez-Ruano, Sandra Muntion, Silvia Preciado, Montserrat Hernandez-Ruano, Belen Rosado, Natalia de la Heras, M. Carmen Chillon, Angel Hernandez-Hernandez, Marcos Gonzalez, Fermin Sanchez Guijo, Consuelo del Canizo*
- POSTER 11: Altered hematopoietic microenvironmental regulation of chronic myeloproliferative disorders especially in chronic myelocytic leukemia  
*Ahmad Reza Rahnemoon*
- POSTER 12: CD137 (4-1BB) in chronic myeloid leukemia  
*Paulo Rodrigues-Santos, Patricia Couceiro, Jani Sofia Almeida, Fernanda Coirada, Débora Queiros, Diogo Gomes-Silva, Vera Alves, Lenka Ruzickova, Paulo Freitas-Tavares, Manuel Santos-Rosa*
- POSTER 13: Extended analysis of natural killer cells in chronic myeloid leukemia  
*Paulo Rodrigues-Santos, Patricia Couceiro, Jani Sofia Almeida, Débora Queiros, Diogo Gomes-Silva, Vera Alves, Lenka Ruzickova, Paulo Freitas-Tavares, Manuel Santos-Rosa*
- POSTER 14: *Immune monitoring of chronic myeloid leukemia*  
*Paulo Rodrigues-Santos, Patricia Couceiro, Jani Sofia Almeida, Fernanda Coirada, Débora Queiros, Diogo Gomes-Silva, Vera Alves, Lenka Ruzickova, Paulo Freitas-Tavares, Manuel Santos-Rosa*
- POSTER 15: Hydroxyurea synergizes with ponatinib in suppressing the proliferation of CML cell lines in vitro and inhibits the survival of leukemic cells expressing BCR/ABL3151 in heavily pretreated patients in vivo  
*Mathias Schneeweiss, Susanne Herndlhofer, Konstantin Byrgazov, Thomas Lion, Wolfgang R. Sperr, Peter Valent, Karoline Gleixner*
- POSTER 16: Evaluation of a quantitative multiplex BCR-ABL1 assay aligned directly to the WHO primary standard reference materials to report expression on the international scale  
*Anne Sproul, Iwona Pawlak, Mira Farquharson, Zor Maung*
- POSTER 17: Age-dependent features of pediatric CML  
*Meinolf Suttorp, Josephine T. Tauer, Manuela Krumbholz, Markus Metzler*
- POSTER 18: Modulation of leukotriene signaling affecting cell growth in chronic myeloid leukemia - a key pathway to cure?  
*Elham Yektaei, Anders Nilsson, Barbro Näsman-Glaser, Marja Ekblom, Hong Qian, Olof Radmark, Lena Kanter, Jonas Wallvik, Leif Stenke*