

**18th Annual John Goldman Conference on Chronic Myeloid Leukemia: Biology and Therapy
Houston, TX, USA
September 15-18, 2016**

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

BIOLOGY POSTERS

- POSTER 1: Effects of tyrosine kinase inhibitor therapy on platelet aggregation
Peter Batar, Adrienne Kerenyi, Gabriella Mezei, Arpad Illes and Janos Kappelmayer
- POSTER 2: Role of hOCT1 gene SNPs M420del and M408V in the response of CML patients to imatinib treatment
Namrata Bhutani, Alpna Saxena, Naresh Gupta, Prasant Yadav, Sameer Ahmad Guru, Rashid Mir and Prakash Chandra Ray
- POSTER 3: Methylation profile sustain the clonal heterogeneity of CML clone from the CD34+ hierarchical compartment
Céline Bourgne, Franck Court, Alexandre Janel, Agnès Guerci, Juliette Berger, Eric Hermet, Olivier Tournilhac, Nathalie Chaudagne, Pascale Pigeon, Chantal Rapatel, Philippe Arnaud and Marc G. Berger
- POSTER 4: Relationship Between CML cell uptake of nilotinib and its targeting efficacy is variable
Céline Bourgne, Alexandre Janel, Juliette Berger, Agnès Guerci, Jimmy Massenet, Eric Hermet, Richard Lemal, Mélanie Soucal, Chantal Rapatel, Olivier Tournilhac and Marc G. Berger
- POSTER 5: Combination of JAK2 and HSP90 inhibitors: an effective therapeutic option in drug-resistant chronic myelogenous leukemia
Sandip N. Chakraborty, Xiaohong Leng, Bastianella Perazzona, Xiaoping Sun, Yu-Hsi Lin and Ralph B. Arlinghaus
- POSTER 6: Effect of tyrosine kinase inhibitors on stemness in normal and chronic myeloid leukemia (CML) cells
Lucie Charaf, Francois-Xavier Mahon, Isabelle Lamrissi-Garcia, Isabelle Moranvillier, François Beliveau, Bruno Cardinaud, Sandrine Dabernat, Hubert de Verneuil, François Moreau-Gaudry and Aurelie Bedel
- POSTER 7: Casiopeina III-Ea, a copper-based small molecule, inhibits in vitro growth of primitive human chronic myeloid leukemia cells
Antonietta Chavez-Gonzalez, Sandra Centeno-Llanos, Dafné Moreno-Lorenzana, Miguel Ángel Sandoval-Esquivel, Sócrates Avilés-Vázquez, María Elena Bravo-Gómez, Lena Ruiz-Azuara, Manuel Ayala4, Héctor Torres-Martínez and Héctor Mayani

- POSTER 8: Effect of parthenolide and DMAPT in CML stem cells
Antonieta Chavez-Gonzalez, Ana Flores-López, Héctor Torres-Martínez and Héctor Mayani
- POSTER 9: Single cell analysis of expression and function of leukotriene signaling pathways in leukemia stem cells opens a possibility for personalized medicine for chronic myeloid leukemia patients
Monika Dolinska, Alexandre Piccini, Wan Man Wong, Anne-Sofie Johansson, Leif Stenke, Satu Mustjoki, Marja Ekblom and Hong Qian
- POSTER 10: The Impact of long-term exposure to imatinib and dasatinib on spermatogenesis in juvenile rats
Vera Girke, Josephine T. Tauer, Ingmar Glauche, Lorenz C. Hofbauer and Meinolf Suttorp
- POSTER 11: Single cell immune and signalling profiling of chronic myeloid leukemia by mass cytometry in clinical therapy guidance and decision-making
Stein-Erik Gullaksen, Sonia Gavasso, Tara Helen Dowling, Jørn Skavland and Bjørn Tore Gjertsen
- POSTER 12: RIZ1 tumour suppressor gene promoter methylation is linked to disease progression in chronic myeloid leukemia
Sameer Ahmad Guru, Imtiyaz Ahmad Najar, Musadiq Ahmd Bhat, Ashikh Seethy, Mariyum Zuberi, Mamta Sumi, Naresh Gupta, Prakash Chandra Ray and Alpana Saxena
- POSTER 13: Comparison of droplet digital PCR and quantitative PCR for BCR/ABL1 transcript quantification in CML patients
Lukasz Madej, Artur Kowalik, Joanna Kalisz, Renata Chodurska, Ewa Wasinska, Marcin Pasiarski and Stanislaw Gozdz
- POSTER 14: Dasatinib-related follicular lymphoid hyperplasia (FLH)
Teresa Melo and Henrique Coelho
- POSTER 15: Cdkis p18INK4c and p57Kip2 are involved in quiescence of CML leukemic stem cells after treatment with TKI
Dafné Moreno-Lorenzana, Patricia Torres-Barrera, Sócrates Avilés-Vázquez, Antonio Alvarado-Moreno, Vianney Ortiz-Navarrete, Manuel Ayala, Héctor Mayani and Antonieta Chavez-Gonzalez
- POSTER 16: Targeting peroxisome proliferator-activated receptors ñ a novel strategy for ph-positive leukemia cells
Seiichi Okabe, Tetsuzo Tauchi, Yuko Tanaka, Juri Sakuta and Kazuma Ohyashiki
- POSTER 17: Investigating regulation of BIRC6 in drug resistant leukemia
Denis Okumu, Merlin Levine, Raymond Zhang, Michael East, Laura Herring and Lee Graves

- POSTER 18: The microRNA 19b functions as an oncomir in chronic myeloid Leukemia
*Amit Samadhiya, Sameer Ahmad Guru, Prasant Yadav, Pooja Singh,
Prakash Chandra Ray and Alpana Saxena*
- POSTER 19: Hematological and cytogenetic profile in chronic myeloid leukemia in Abidjan
*Duni Sawadogo, Hermance Y Kassi, Rebecca N'Guessan-Blaou, Mireille Yayo Ayé,
Marie France Meledje, Mahawa Sangare, Eusebe Adjambri and Gustave Koffi*
- POSTER 20: Endothelial cells maintain CML CD34+ cells in vitro and induces the
differentiation of mature neutrophil cells
Patricia Torres-Barrera
- POSTER 21: BCL11A expression in acute phase chronic myeloid leukemia
*Jiawei Yin, Fan Zhang, Huiquan Tao, Xiao Ma, Guangsong Su, Xiaoli Xie, Zhongjuan Xu,
Yanwen Zheng, Hong Liu, Chao He, Zhengwei Jenny Mao, Zhiwei Wang, Weirong Chang,
Robert Peter Gale, Depei Wu, Bin Yin*