

17:00 – 18:30 Concurrent Session V: Iron, Proliferation and Cancer

Location: D. Luis

Chairs: D.R. Richardson, Wales, Australia and Suzy Torti, Winston-Salem, NC, USA

- 17:00 27 IRON DEPENDENT REGULATION OF MDM2 INFLUENCES P53 ACTIVITY AND HEPATIC CARCINOGENESIS**
Paola Dongiovanni, PhD², Anna Ludovica Fracanzani, MD², Gaetano Cairo, PhD³, Chiara Paola Megazzini, PhD², Stefano Gatti, MD⁴, Raffaella Rametta, PhD², Silvia Fargion, MD² and Luca Valenti, MD¹
¹University of Milano; ²Internal Medicine, University of Milano; ³General Pathology, University of Milano; ⁴Surgery, Policlinico Hospital Milano
(Presented By: Luca Valenti)
- 17:15 28 IRON CHELATORS FOR THE TREATMENT OF PANCREATIC CANCER: MECHANISM OF ACTION INVOLVING THE IRON-REGULATED GROWTH AND METASTASIS SUPPRESSOR, NDRG-1**
Zaklina Kovacevic and Des R. Richardson, Professor of Cell Biology
University of Sydney
(Presented By: Zaklina Kovacevic)
- 17:30 29 FERRITIN H INDUCTION BY HISTONE DEACETYLASE INHIBITORS**
Wei Wang, PhD, Xiumin Di, MSc, Suzy Torti, PhD and Frank M. Torti, MD
Wake Forest University School of Medicine
(Presented By: Suzy Torti, PhD)
- 17:45 30 IRON TRANSPORT PROTEINS ARE INFLUENCED BY WNT SIGNALLING**
Matthew Brookes, Samuel Ford, Tariq Iqbal and Chris Tselepis
University of Birmingham
(Presented By: Chris Tselepis)
- 18:00 31 DEFERASIROX IS THE ONLY IRON CHELATOR INDUCING NF-KB INHIBITION IN MDS PATIENTS AND IN LEUKEMIC CELL LINES AND ACTS INDEPENDENTLY FROM REACTIVE OXYGEN SPECIES REDUCTION**
Emanuela Messa, MD, Sonia Carturan, PhD, Chiara Maffè, PhD, Marisa Pautasso, MD, Enrico Bracco, PhD, Antonella Roetto, PhD, Francesca Messa, PhD, Francesca Arruga, PhD, Ilaria Defilippi, PhD, Valentina Rosso, PhD, Chiara Zanone, PhD, Daniela Cilloni, MD, PhD and Giuseppe Saglio, MD
Dept. of Clinical and Biological Sciences, University of Turin
(Presented By: Emanuela Messa, MD)
- 18:15 32 CHARACTERIZATION OF THE PROMOTER REGION OF THE HAMP GENE IN THE BLACK SOUTH AFRICAN POPULATION AND ITS POSSIBLE ASSOCIATION WITH OESOPHAGEAL CANCER**
Nathaniel McGregor, BSc (Hon), Ann Louw, PhD, Louise Warnich, PhD and Monique Zaahl, PhD
University of Stellenbosch
(Presented By: Nathaniel McGregor, BSc (Hon))