October 13-14, 2016

San Raffaele Hospital and University, Milan, Italy

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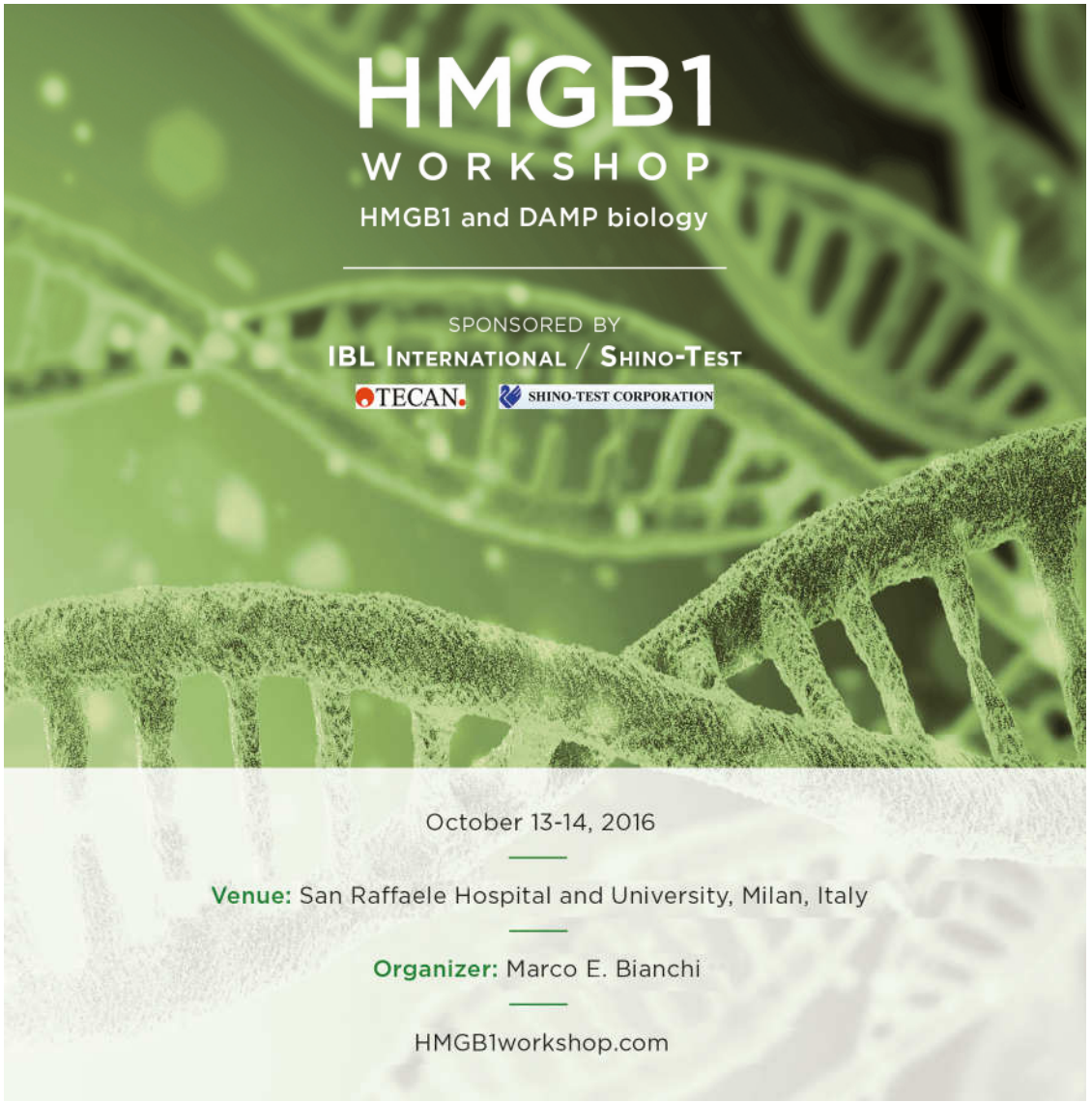
HMGB1
WORKSHOP
HMGB1 and DAMP biology
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SHINO-TEST CORPORATION
October 13-14, 2016
Venue: San Raffaele Hospital and University, Milan, Italy
Organizer: Marco E. Bianchi
HMGB1workshop.com

Thursday October, 13 morning

8.30- 9.00 Registration

Chair: **Anna Rubartelli**

9.00- 9.15 Welcome by **Marco E. Bianchi**

9.15- 9.45 **Marco E. Bianchi**, San Raffaele University, Milan, Italy
Reducing HMGB1 activity in mammalian cells decreases nucleosome formation and facilitates genome editing

9.45-10.15 **Gunther Hartmann**, University of Bonn, Germany
DNase II-derived 3´ monophosphate DNA resists cytosolic exonuclease TREX1 degradation and potently activates cGAS

10.15-10.35 **Michal Stros**, Institute of Biophysics, Brno, Czech Republic
HMGB1/2 proteins involvement in pluripotency and differentiation of human embryonic stem cells

10.35-11.05 Coffee break

11.05-11.35 **Helena Harris**, Karolinska Institutet, Stockholm, Sweden
Molecular requirements and functional outcome of HMGB1-TLR2 interaction

11.35-11.55 **Federico Biscetti,** Fondazione Policlinico Universitario A. Gemelli, Rome, Italy
The role of High mobility group box-1 (HMGB1) in inflammatory vasculopathy in collagen antibody-induced arthritis (CAIA)

11.55-12.25 **Ulf Andersson**, Karolinska Institutet, Stockholm, Sweden
HMGB1 receptor usage

12.25-12.45 **Angela Raucci,** Centro Cardiologico Monzino, Milan, Italy
HMGB1: a new player in vascular calcification

12.45-14.00 Buffet lunch

This workshop is by invitation upon registration, and every communication is confidential and cannot be cited

Thursday October, 13 afternoon

Chair: **Helena Harris**

14.00-14.30 **Angelo Manfredi**, San Raffaele University, Milan, Italy
HMGB1 meets neutrophils. A true story of love and survival

14.30-15.00 **Mariagrazia Uguccioni**, Institute for Research in Biomedicine, USI, Bellinzona, Switzerland
HMGB1 and the chemokine system: a new model for tuning chemokine activities

15.00-15.20 **Lorenzo Spagnuolo,** University of Fribourg, Switzerland
HMGB1/CXCL12 synergy enhances B lymphocyte migration and promotes B-cell egress from Peyer's patches

15.20-15.40 **Konstantin Stark**, Ludwig-Maximilians Universität, Munich, Germany
Disulfide HMGB1 derived from platelets coordinates venous thrombosis in mice

15.40-16.10 Coffee break

16.10-16.40 **Abhishek Garg**, KU Leuven, Belgium
Extracellular HMGB1-MyD88 axes drives the efficacy of next-generation immunogenic dendritic cell vaccines against glioblastoma

16.40-17.00 **Jamie Honeychurch,** Manchester University, United Kingdom
Investigating the role of HMGB1 in RT-induced immunogenic cell death

17.00-17.20 **Vittorio Colantuoni,** University of Sannio, Benevento, Italy
BoxA activates adaptive immunity through a mechanism similar to immunogenic cell death

17.20-17.50 **Anna Rubartelli**, IRCCS San Martino-IST, Genova, Italy
Vesicle or pyroptosis-mediated secretion of Interleukin-1β in primary monocytes depends on the strength of the inflammatory stimulus

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Friday October 14, morning

Chair: **Mariagrazia Uguccioni**

9.00- 9.30 **Michael Lotze**, University of Pittsburgh, USA
Lymphoplegia in cancer: The role of HMGB1 and mitochondria in tumor infiltrating lymphocytes

9.30- 10.00 **Laureen Walker**, University of Liverpool, United Kingdom
Molecular isoforms of HMGB1 as prognostic biomarkers for stratification in epilepsy

10.00-10.20 **Dora Brites,** Universidade de Lisboa, Portugal
Dissecting Aβ-induced inflammatory signaling mediators associated to HMGB1 overexpression in an in vitro model of reactive microglia

10.20-10.50 **Daniel Antoine**, University of Liverpool, United Kingdom
The role of HMGB1 in acute and chronic liver injury and repair

10.50-11.20 Coffee break

11.20-11.40 **Emilie Vénéreau,** San Raffaele Hospital, Milan, Italy
High Mobility Group Box 1 protein orchestrates tissue repair

11.40-12.10 **Jagdeep Nanchahal**, The Kennedy Institute of Rheumatology, Oxford University, United Kingdom
Alarmin-g Stem Cells to G(Alert) Accelerates Tissue Regeneration

12.10-12.40 **Torsten Eken,** Oslo University Hospital, Norway
Early HMGB1 isoform kinetics in trauma patients predict outcome and imply novel therapeutic options

12.40-12.50 closing remarks

13.00 buffet lunch

HMGB1 workshop is supported by **WEB**for**SCIENCE.**com

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