

Mechanisms relevant to therapy resistance in urothelial tumours

Poster Session 82

Monday, 14 March
14:00 - 15:30

Location: Room Vienna (Hall B2, level 0)

Chairs: R. Nawroth, Munich (DE)
E. Oosterwijk, Nijmegen (NL)

Aims and objectives of this presentation

Therapy resistance in prostate cancer develops as a result of activation of multiple signaling pathways. Understanding these mechanisms is a condition for a more efficient therapy. Several abstracts in this session will focus on experimental approaches to combat resistance.

Poster viewing of 20 minutes. Presentations will take place on stage. Standard presentations are 2 minutes in length, followed by 2 minutes for discussion.

1042

Association between PDL1 variants and muscle invasive bladder cancer prognosis

By: Masson-Lecomte A.J.A.M.¹, Pineda S.², Rava M.², Carrato A.³, Tàrdon A.⁴, Silverman D.⁵, Rothman N.⁵, Garcia-Closas M.⁵, Chanock S.⁵, Allory Y.⁶, Real F.X.⁷, Malats N.²

Institutes:¹Hôpitaux Universitaires Henri Mondor, Dept. of Urology, Créteil, France, ²CNIO, Dept. of Genetic and Molecular Epidemiology, Madrid, Spain, ³Ramon Y Cajal Hospital, Dept. of Oncology, Madrid, Spain, ⁴Oviedo University, Dept. of Preventive Medicine, Oviedo, Spain, ⁵NCI, Dept. of Cancer Epidemiology and Genetics, National Cancer Institute, Department of Health and Human Services, Bethesda, Maryland, United States of America, ⁶Hôpitaux Universitaires Henri Mondor, Dept. of Pathology, Créteil, France, ⁷CNIO, Dept. of Epithelial Carcinogenesis, Madrid, Spain

1043

Pretreatment neutrophil-to-lymphocyte ratio predicts worse survival outcomes and advanced tumour staging in patients undergoing radical cystectomy for bladder cancer

By: Tan Y.G., Eu E., Huang H.H., Lau W.K.O.

Institutes: Singapore General Hospital, Dept. of Urology, Singapore, Singapore

1044

Neutrophil-to-lymphocyte ratio as a prognostic factor for survival in patients with bladder cancer undergoing radical cystectomy

By: Jiménez Marrero P.¹, Perez Sanchez M.¹, Jorge Pérez N.¹, González J.M.², Kim Lee D.¹, Marrero Umpierrez N.¹, Hernández Hernández C.¹, Hernández Escobar S.¹, Marrero Dominguez R.¹

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1045

EpCAM (epithelial cell adhesion molecule) as the most common target for circulating tumor cells (CTC) identification: Comparison between manual and automated system of isolation and future prospective

By: Busetto G.M.¹, Giovannone R.¹, Antonini G.¹, Gazzaniga P.², Gentile V.¹, De Berardinis E.¹

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1046

Evaluation of carbonic anhydrase IX as a potential therapeutic target in urothelial carcinoma

By: Todenhöfer T.¹, Kamyabi A.¹, Hennenlotter J.², Seiler R.¹, McDonald P.³, Moskalev I.¹, Stewart C.¹, Gao J.¹, Bedke J.², Oo H.Z.¹, Fazli L.¹, Dedhar S.³, Stenzl A.², Black P.¹

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- 1047 **En bloc bipolar resection to optimize TURB samples for organotypic culture and development of targeted treatments in non-muscle invasive bladder cancer**
By: [Daniel G.](#)¹, Roumiguie M.², Fons P.³, Herbert C.⁴, Brousset P.¹, Mazerolles C.¹, Malavaud B.²
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- 1048 **Assessment of the efficacy of repeated instillations of TC-gel mixed with MMC in an invasive rat bladder cancer model**
By: [Van Valenberg F.J.P.](#)¹, Strauss-Ayali D.², Agmon-Gerstein Y.², Friedman A.², Arentsen H.C.¹, Witjes J.A.¹, Oosterwijk E.¹
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- 1049 **Benzyl isothiocyanate up-regulates miR-99a-5p and induces autophagy by suppressing mTOR expression**
By: Tsai T-F.¹, Lin J-F.², Lin Y-C.¹, [Chen H-E.](#)¹, Chou K-Y.¹, Hwang T.I.S.¹
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- 1050 **Foxp3 interacts with and regulates HIF-1 α -VEGF signaling in human bladder cancer**
By: Tsai Y-S.¹, Kao Y-L.³, [Wu K-Y.](#)¹, Jou Y-C.², Chen S-Y.², Tsai H-T.³, Tzai T-S.³
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- 1051 **Multiple drug induced feedback loops limit the efficacy of PI3K/AKT/mTOR inhibition as a therapy in bladder cancer**
By: Sathe A., Wong K.W., Oppolzer I., Von Busch M., Schmid S.C., Seitz A.K., Heck M.M., Gschwend J.E., Retz M., [Nawroth R.](#)
Institutes:Klinikum Rechts der Isar der Technischen Universität Muenchen, Dept. of Urology, Munich, Germany
- 1052 **Inhibition of cisplatin-induced autophagy enhances apoptotic cell death in human bladder cancer cells**
By: Hwang T.¹, Lin J-F.², Lin Y-C.¹, Tsai T-F.¹, [Chen H-E.](#)¹, Chou K-Y.¹
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- 1053 **Endoplasmic reticulum stress as a putative mechanism for attenuated response to intravesical BCG in bladder cancer**
By: Lewicki P.¹, Liu H.¹, O' Malley P.¹, [Golombos D.](#)¹, Cubillos-Ruiz J.², Scherr D.¹
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