Usefulness of novel tumour models in studies on oncogenes and tumour suppressors
Poster Session 19

Saturday 16 March
14:15 - 15:45

Location: Green Area, Room 4
Chairs: J. Ceraline, Illkirch (FR)
S.K. Hong, Sungnam (KR)
M. Nevalainen, Milwaukee (US)

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

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Luteolin regulates AR-V7 expression via miRNA recruitment in castration-resistant prostate cancer

By: Naiki T. 1, Naiki-Ito A. 2, Etani T. 1, Iida K. 1, Ando R. 1, Nagai T. 1, Kawai N. 1, Takahashi S. 2, Yasui T. 1
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The role of fibroblasts in local progression and metastatic spread of prostate cancer: Examinations in an orthotopic xenograft model

By: Linxweiler J. 1, Körbel C. 2, Stöckle M. 1, Menger M.D. 2, Junker K. 1, Saar M. 1
1Saarland University, Dept. of Urology, Homburg Saar, Germany, 2Saarland University, Institute for Clinical-Experimental Surgery, Homburg Saar, Germany

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PCDH9 promotes resistance to bicalutamide and is associated with the survival of prostate cancer patients

By: Sekino Y. 1, Goto K. 1, Sakamoto N. 1, Oue N. 2, Sentani K. 2, Hayashi T. 1, Teishima J. 1, Yasui A. 2, Matsubara A. 1
1Hiroshima University Graduate School of Biomedical and Health Sciences, Dept. of Urology, Hiroshima, Japan, 2Hiroshima University Graduate School of Biomedical and Health Sciences, Dept. of Molecular Pathology, Hiroshima, Japan

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Profiling of the immune microenvironment in prostate cancer at single cell level

By: Lazzeri M. 1, Saita A. 1, Casale P. 1, Buffi N.M. 2, Hurle R. 1, Lughezzani G. 1, Fasulo V. 1, Paciotti M. 1, Maffei D. 1, Domanico L. 1, Bevilacqua G. 1, Colombo P. 3, Elefante G.M. 3, Peano C. 4, Kunderfranco P. 4, Cibella J. 4, Guazzoni G. 1, Di Mitri D. 5
1Istituto Clinico Humanitas IRCCS Clinical and Research Hospital, Dept. of Urology, Rozzano, Italy, 2Istituto Clinico Humanitas IRCCS, Humanitas University, Dept. of
Molecular research on localized prostate cancer needs to take inter-focal heterogeneity into account


1 Akershus University Hospital, Dept. of Urology, Lørenskog, Norway, 2 Oslo University Hospital, Molecular Oncology, Institute Cancer Research, Oslo, Norway, 3 Oslo University Hospital, Dept. of Pathology, Oslo, Norway

Activation of IRAK1 by uropathogenic E.coli and its overexpression in prostate cancer is regulated by DNA methylation

By: Breiding V., Loose M., Steger K., Luedecke G., Wagenlehner F., Schagdarsurengin U., Dansranjavin T.

Justus Liebig University, Clinic of Urology, Pediatric Urology and Andrology, Giessen, Germany

Investigation of TRPM4 and store-operated calcium entry in prostate cancer cell systems and a primary prostate cancer stem cell model

By: Borgstroem A. 1, Kiener M. 2, Kappel S. 1, Hauert B. 1, Delalande C. 3, Zoni E. 2, Reymond J. 3, Thalmann G.N. 4, Peinelt C. 1, Kruithof-De Julio M. 2

1 University of Bern, Institute of Biochemistry and Molecular Medicine, Bern, Switzerland, 2 University of Bern, Dept. of Urology and BioMedical Research, Bern, Switzerland, 3 University of Bern, Dept. of Biochemistry and Chemistry, Bern, Switzerland, 4 University Hospital of Bern, Dept. of Urology, Bern, Switzerland

Cancer-associated fibroblasts induce epithelial-mesenchymal transition in prostate cancer cells through HGF/Met/Fra1/SOX9 signaling

By: Qin H., Qiu X., Jiang B., Chen W., Diao W., Zhao X., Guo H.

Drum Tower Hospital, Medical School of Nanjing University, Dept. of Urology, Nanjing, China

Role of ER-generated redox and calcium signals in the modulation of prostate cancer progression

By: Cornelius J. 1, Pozzi E. 2, Anelli T. 3, Cavarretta I. 4, Tempio T. 5, Montorsi F. 4, Mattei A. 1, Silitia R. 5, Salonia A. 4

1 Luzerner Kantonsspital, Dept. of Urology, Lucerne, Switzerland, 2 Università Vita- Salute San Raffaele, Urological Research Institute (URL), Dept. of Urology, Milan, Italy, 3 Università Vita-Salute San Raffaele, Istituto di Ricovero e Cura a Carattere Scientifico, Protein Transport and Secretion Unit, Division of Genetics and Cell Biology, Milan, Italy
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**PrLZ stabilizes LAMP2A to promote chaperone-mediated autophagy and tumor growth of prostate cancer cells**

By: Fan Y.\(^1\), Hou T.\(^2\), Liu T.\(^2\), Zeng J.\(^2\), Li L.\(^2\)

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**The tumor suppressor ESE3/EHF acts as a gatekeeper in TMPRSS2-ERG positive tumors**

By: Carbone G.M.\(^1\), Albino D.\(^1\), Shinde D.\(^1\), Zoma M.\(^1\), Zoma A.\(^1\), Kokanovic A.\(^1\), Civenni G.\(^1\), Catapano C.V.\(^1\)

Institute of Oncology Research (IOR), Dept. of Experimental Therapeutics and Prostate Cancer Biology, Bellinzona, Switzerland

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**Development and characterisation of a spontaneously metastatic patient-derived xenograft (PDX) model of human prostate cancer (PCa)**

By: Lange T.\(^1\), Oh-Hohenhorst S.J.\(^2\), Joosse S.\(^3\), Hahn O.\(^4\), Gosau T.\(^1\), Feldhaus S.\(^1\), Maar H.\(^1\), Gehrcke R.\(^1\), Kluth M.\(^5\), Simon R.\(^5\), Schlomm T.\(^2\), Huland H.\(^2\), Schumacher U.\(^1\)

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**The phenotype of tumor infiltrating T cells and the expression of PD1, PD-L1 and B7-H4 in prostate cancer**

By: Wei Z.\(^1\), Hao Y.\(^2\), Wang T.\(^1\), Liu J.\(^1\)

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