Novel compounds in prostate cancer therapies

Poster Session 61

**Location:** Green Area, Room 1

**Chairs:** To be confirmed

C.P. Evans, Sacramento (US)

C. Thomas, Dresden (DE)

Poster viewing of 20 minutes. Presentations will take place on stage. Standard presentations are 2 minutes in length, followed by 2 minutes for discussion. Extended presentations (*) are 3 minutes in length, followed by 3 minutes for discussion.

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**850**

**Novel mechanism of bone metastasis mediated by exosomes derived from metastatic prostate cancer**

By: Urabe F. ¹, Kosaka N. ¹, Yamamoto Y. ¹, Kimura T. ², Egawa S. ², Ochiya T. ¹

¹National Cancer Center Research Institute, Division of Molecular and Cellular Medicine, Tokyo, Japan,
²The Jikei University School of Medicine, Dept. of Urology, Tokyo, Japan

**851**

**KIFC1 inhibitor CW069 induces apoptosis and reverses resistance to docetaxel in prostate cancer**

By: Sekino Y. ¹, Koike Y. ², Sakamoto N. ², Shiota M. ³, Shigematsu Y. ¹, Sentani K. ², Oue N. ², Teishima J. ¹, Yasui W. 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,
³Kyushu university, Dept. of Urology, Fukuoka, Japan

**852**

**Iron induces ferroptosis and synergizes with anti-androgen therapy in prostate cancer pre-clinical models**

By: Campanella A. ¹, Bordini J. ¹, Morisi F. ², Elia A.R. ³, Cucchiara V. ⁴, Bellone M. ³, Camaschella C. ², Briganti A. ⁴

¹Vita-Salute San Raffaele University, Dept. of Experimental Oncology, Milan, Italy,
²IRCCS Ospedale San Raffaele, Dept. of Genetics and Cell Biology, Milan, Italy,
³IRCCS Ospedale San Raffaele, Dept. of Immunology, Transplantation and Infectious Diseases, Milan, Italy,
⁴IRCCS Ospedale San Raffaele and Vita-Salute San Raffaele University, Dept. of Experimental Oncology/Unit of Urology, URI, Milan, Italy

**853**

**A novel three-dimensional cell culture model based on the composite dacron/collagen scaffold for prostate cancer**

By: Hu M. ¹, Liu X. ², Li C. ², Ding Q. ¹, Wang L. ², Jiang H. ¹

¹Huashan Hospital, Fudan University, Dept. of Urology, Shanghai, China,
²Donghua
<table>
<thead>
<tr>
<th>Paper Number</th>
<th>Title</th>
<th>Authors</th>
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</thead>
<tbody>
<tr>
<td>855</td>
<td>Prostate cancer-derived anti-GRP78 autoantibodies compromise the blood-brain barrier and accelerate atherosclerosis progression in vivo</td>
<td>Al-Hashimi A., Won K., Austin R., Shayegan B.</td>
</tr>
<tr>
<td>856</td>
<td>Cripto blockade reduces prostate cancer reactivity to microenvironment and metastatic potential</td>
<td>La Manna F., Staender L., Gray P.C., Zoni E., Karkampouna S., Thalmann G.N., Kruithof-De Julio M.</td>
</tr>
<tr>
<td>857</td>
<td>Coffee diterpenes kahweol acetate and cafestol synergistically inhibit the proliferation and migration of prostate cancer cells</td>
<td>Iwamoto H., Izumi K., Kadono Y., Mizokami A.</td>
</tr>
<tr>
<td>858</td>
<td>Anti-tumor effect of oncolytic reovirus in castration resistance prostate cancer: In vitro and in vivo analysis</td>
<td>Han J.H., Kim Y., Kim B.M., Choi S.Y., Lim B., Kyung Y.S., You D., Kim C-S.</td>
</tr>
<tr>
<td>859</td>
<td>Niclosamide exerts anticancer activity via inhibition of FOXM1-mediated DNA damage response in castration resistant prostate cancer</td>
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* 861

**Overcoming ABCB1-mediated olaparib resistance in advanced prostate cancer**

By: Gao A., Lombard A., Liu C., Lou W., Armstrong C., Dall M., Evans C.
University of California Davis, Dept. of Urology, Sacramento, United States of America

862

**Impact of CT guided high-dose prostate irradiation on rodent gland regeneration**

By: Zahalka A.H., Brodin P., Maryanovich M., Watts K.L., Guha C., Frenette P.S.
1Albert Einstein College of Medicine, Dept. of Cell Biology, New York City, United States of America, 2Albert Einstein College of Medicine, Dept. of Radiation Oncology, New York City, United States of America, 3Montefiore Medical Center, Dept. of Urology, New York City, United States of America, 4Albert Einstein College of Medicine, Dept. of Stem Cell and Regenerative Medicine, New York City, United States of America

13:33 - 13:33

**Conclusion**