Management of ErbB2-positive Breast Cancer: Insights from Preclinical and Clinical Studies with Lapatinib

Charles Vogel, Arlene Chan, Brunilde Gril, Sung-Bae Kim, Junichi Kurebayashi, Li Liu, Yen-Shen Lu and Hanlim Moon

Evidence and experience indicate that lapatinib, a novel dual-targeted inhibitor of human epidermal growth factor receptor 1 (ErbB1, EGFR) and 2 (ErbB2), should enhance ErbB2-positive breast cancer management.

Phase I Study of Docetaxel, Cisplatin and S-1 in Patients with Advanced Gastric Cancer

Shuichi Hironaka, Kentaro Yamazaki, Keisei Taku, Tomoya Yokota, Kohei Shitara, Takashi Kojima, Shinya Ueda, Nozomu Machida, Kei Muro and Narikazu Boku

Docetaxel 40 mg/m² (days 1 and 15), cisplatin 60 mg/m² (day 1) and S-1 80 mg/m² (days 1–21) every 5 weeks is the maximum tolerated dose in advanced gastric cancer.

Evaluation and Revision of Checklists for Screening Facilities and Municipal Governmental Programs for Gastric Cancer and Colorectal Cancer Screening in Japan

Takahiro Higashi, Ryoko Machii, Ayako Aoki, Chisato Hamashima and Hiroshi Saito

A multidisciplinary expert panel considered as appropriate the checklist currently used for gastric and colorectal cancer screening programs, and further proposed a new set for future revision.

The Efficacy of the Frontline Platinum-based Combination Chemotherapy in Malignant Peritoneal Mesothelioma

Seung Tae Kim, Jun Young Park, Jeeyun Lee, Joon Oh Park, Young Suk Park, Ho Yeong Lim, Won Ki Kang and Se Hoon Park

Pemetrexed in combination with platinum showed improved survival outcomes as compared to other combination regimens combined with platinum.

Prognosis of Secondary Acute Myeloid Leukemia is Affected by the Type of the Preceding Hematologic Disorders and the Presence of Trisomy 8

Youngil Koh, Inho Kim, Ji- Yeon Bae, Eun Young Song, Hyun-Kyung Kim, Sung-Soo Yoon, Dong Soon Lee, Sung Sup Park, Myoung Hee Park, Seonyang Park and Byoung Kook Kim

Along with trisomy 8, the type of preceding disorders influenced the prognosis of secondary acute myeloid leukemia. The worst prognosis was observed in acute myeloid leukemia following myeloproliferative neoplasm.

CD147 and VEGF Co-expression Predicts Prognosis in Patients with Acute Myeloid Leukemia

Jufang Fu, Jianfang Fu, Xiequn Chen, Yongqing Zhang, Hongtao Gu and Yanni Bai

Co-expression of CD147 and vascular endothelial growth factor may indicate a poor prognosis in acute myeloid leukemia and may be a highly sensitive marker for predicting the clinical outcome of patients.
**Hepato-biliary and Pancreatic Surgery**

1053 **Up-regulation of Tiam1 and Rac1 Correlates with Poor Prognosis in Hepatocellular Carcinoma**  
Wanyong Yang, Shemin Lv, Xingyan Liu, Hong Liu, Wen Yang and Fu Hu  
The expression of Tiam1 and Rac1 can be considered as two useful indicators for predicting the prognosis of hepatocellular carcinoma (HCC), and thus provides further impetus for exploiting this pathway as a novel target for the treatment of HCC.

**Orthopedics/Sarcoma**

1060 **Soft-Tissue Ewing Sarcoma in a Low-incidence Population: Comparison to Skeletal Ewing Sarcoma for Clinical Characteristics and Treatment Outcome**  
Jun Ah Lee, Dong Ho Kim, Jung Sub Lim, Jae-Soo Koh, Mi Sook Kim, Chang-Bae Kong, Won Seok Song, Wan Hyeong Cho, Soo-Yong Lee and Dae-Geun Jeon  
Our data could provide a basis to design a collaborative or multinational study targeting Ewing sarcoma family tumors.

**Other Specialties**

1068 **Evaluation of the Clinical Effectiveness of Physiotherapeutic Management of Lymphoedema in Palliative Care Patients**  
Katri Elina Clemens, Birgit Jaspers, Eberhard Klaschik and Peter Nieland  
Adjuvant physiotherapeutic manual lymphatic drainage interventions may improve patients’ pain and symptom management in palliative care patients with lymphoedema.

**Tumor Markers**

1073 **Significance of Serum Concentrations of E-selectin and CA19-9 in the Prognosis of Colorectal Cancer**  
Harunobu Sato, Nobuteru Usuda, Makoto Kuroda, Shuji Hashimoto, Morito Maruta and Koutarou Maeda  
Prognosis was examined according to categorization by serum concentrations of E-selectin and CA19-9. Even if the serum concentration of CA19-9 was high, prognosis was not poor in patients with a low serum concentration of E-selectin.

**Urology**

1081 **The Role of Percutaneous Needle Biopsy in Differentiation of Renal Tumors**  
Kouji Izumi, Kazutaka Narimoto, Kazuhiro Sugimoto, Yoshitomo Kobori, Yuji Maeda, Atsushi Mizokami, Eitetsu Koh, Tadaaki Yamada, Seiji Yano and Mikio Namiki  
Biopsy of renal tumors is safe and accurate regardless of the type of guidance, and nephrectomy after appropriate diagnosis by biopsy contributed to longer survival.

1087 **Indications for Ureteropyeloscopy Based on Radiographic Findings and Urine Cytology in Detection of Upper Urinary Tract Carcinoma**  
Akira Takao, Takashi Saika, Shinya Uehara, Koichi Monden, Fernando Abarzua, Yasutomo Nasu, Hiromi Kimon and Okayama Urological Research Group (OURG)  
Ureteropyeloscopy can help in detecting upper urinary tract urothelial cancer or to rule out malignancy for patients with negative voiding cytology. Ureteropyeloscopy is redundant for patients with positive radiographic findings and positive voiding cytology.

1092 **Docetaxel–Prednisolone Combination Therapy for Japanese Patients with Hormone-refractory Prostate Cancer: a Single Institution Experience**  
Noriyoshi Miura, Kosaku Numata, Yoshito Kusuhara, Akitomi Shirato, Katsuyoshi Hashine and Yoshiteru Sumiyoshi  
In Japanese hormone-refractory prostate cancer patients, docetaxel–prednisolone combination therapy was associated with high rates of prostate-specific antigen and pain response. However, they experienced severe adult respiratory distress syndrome more frequently than patients in previous studies did.
1099 Contrast-enhanced Ultrasonography of the Prostate with Sonazoid
Kazuhiro Matsumoto, Ken Nakagawa, Akinori Hashiguchi, Hidaka Kono, Eiji Kikuchi, Hirohiko Nagata, Akira Miyajima and Mototsugu Oya
Our study has demonstrated significantly improved detection of prostate cancer with the combination of baseline grayscale imaging and contrast-enhanced imaging, and this technique may be applicable to targeted biopsy.

Case Reports

1105 Good Clinical Response to Gefitinib in a Non-small Cell Lung Cancer Patient Harboring a Rare Somatic Epidermal Growth Factor Gene Point Mutation; Codon 768 AGC > ATC in Exon 20 (S768I)
Katsuhiro Masago, Shiro Fujita, Kaoru Irisa, Yung Hak Kim, Masataka Ichikawa, Tadashi Mio and Michiaki Mishima
We report a case of non-small cell lung cancer harboring a rare epidermal growth factor somatic mutation in exon 20 who showed a good clinical response to gefitinib.

1110 Successful Treatment of Gastric Adenocarcinoma in a Meckel’s Diverticulum with Pemetrexed Plus Carboplatin
Osamu Muto, Masaki Munakata, Chikara Iino and Yuh Sakata
We report here a case of advanced adenocarcinoma arising from the gastric mucosa in a Meckel’s diverticulum for which treatment with pemetrexed and carboplatin was effective.

Short Communication

1113 Interleukin-10 –1082 Gene Polymorphism and Susceptibility to Cervical Cancer Among Japanese Women
Koji Matsumoto, Akinori Oki, Toyomi Satoh, Satoshi Okada, Takeo Minaguchi, Mamiko Onuki, Hiroyuki Ochi, Sari Nakao, Manabu Sakurai, Azusa Abe, Hiromi Hamada and Hiroyuki Yoshikawa
Interleukin-10 –1082 gene polymorphism may serve as a marker of genetic susceptibility to cervical cancer among Japanese women, most likely reflecting impaired immune response to human papillomavirus infections.

1117 Image of the Month and Cancer Statistics Digest

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