## **Extra Topics**

1. **Disease**: Carcinoma of unknown primary **Gene**: JAK2 (V617F), PIK3CA (E81K) **Demographic**: 65-year-old male

**Other**: Hypertension

**PMID(s)**: 27900363, 26182302

NCT ID(s): None

2. **Disease**: Colon cancer

**Gene**: Microsatellite Instability (high); MLH1 methylation positive

**Demographic**: 65-year-old male **Other**: Hypercholesterolemia

**PMID(s)**: 28455965, 28453697, 28341242, 28327908

NCT ID(s): NCT02912559, NCT00898846

3. **Disease**: Anal melanoma

Gene: KIT (L576P)

**Demographic**: 56-year-old male **Other**: Depression, Hypertension **PMID(s)**: 17372901, 26546509

NCT ID(s): None

4. **Disease**: Pancreatic adenocarcinoma

Gene: KRAS (G12D)

**Demographic**: 69-year-old male **Other**: Alcoholism, Cirrhosis, Stroke

**PMID(s)**: 27010960, 26156229, 25748236, 27308320

**NCT ID(s)**: NCT01394120

5. **Disease**: Squamous cell carcinoma, head and neck **Gene**: Human Papilloma Virus (Type 16 positive)

**Demographic**: 59-year-old male

**Other**: Hypertension

**PMID(s)**: 27305732, 27061545, 25803099

**NCT ID(s)**: NCT01268579

Disease: Biliary tract cancer
Gene: HER2/neu Amplification
Demographic: 64-year-old female

**Other**: Hypertension

**PMID(s)**: 27658789, 26022204, 22433475

**NCT ID(s)**: NCT00478140

7. **Disease**: Appendiceal cancer

**Gene**: p53 (H193R)

Demographic: 23-year-old female

**Other:** None

**PMID(s)**: 28280620, 26160192

NCT ID(s): None

8. **Disease**: Prostate cancer **Gene**: AR Amplification

**Demographic**: 76-year-old male

**Other**: Arthritis

**PMID(s)**: 27959342, 28144969, 28089830

**NCT ID(s)**: NCT01393730

9. **Disease**: Pancreatic cancer

Gene: ARID1A

**Demographic**: 62-year-old female

Other: Diabetes

**PMID(s)**: 26154128, 25719666, 25714017

**NCT ID(s)**: NCT02893085

10. **Disease**: Endometrial cancer **Gene**: PIK<sub>3</sub>CA Amplification

**Demographic**: 44-year-old female

**Other**: Diabetes

**PMID(s)**: 21531001, 19261849, 17258789

**NCT ID(s)**: NCT01013324

11. **Disease**: Moderately differentiated pancreatic adenocarcinoma

Gene: KRAS, TP53, CDKN2A

Demographic: 44-year-old female

Other: None

**PMID(s)**: 14677066, 23303473

NCT ID(s): None

12. **Disease**: Moderately differentiated pancreatic adenocarcinoma

Gene: KRAS, TP53

**Demographic**: 65-year-old male

Other: None

**PMID(s)**: 14677066, 23303473

NCT ID(s): None

13. **Disease**: Pancreatic adenocarcinoma

Gene: XRCC1

**Demographic**: 37-year-old female

Other: None

**PMID(s)**: 17230526, 16844323, 16520463

NCT ID(s): None

14. **Disease**: Pancreatic adenocarcinoma

Gene: XRCC1

**Demographic**: 76-year-old male

Other: None

**PMID(s)**: 12183419, 18544627, 16520463, 17230526

NCT ID(s): None

15. **Disease**: Intraductal papillary mucinous neoplasm with high-grade dysplasia

Gene: FGFR4, KIT

**Demographic**: 72-year-old male

Other: None PMID(s): None NCT ID(s): None

16. **Disease**: Pancreatic adenocarcinoma

Gene: ERCC2

**Demographic**: 63-year-old male

**Other**: None

**PMID(s)**: 18544627 **NCT ID(s)**: None