

## **Curriculum Vitae of Aldo Scarpa**

born in Napoli, June 2 1956

### **Actual Position**

Aldo Scarpa is the Director of the Applied Research on Cancer – Network (ARC-Net) Research Centre of the University and Hospital Trust of Verona and Director of Dept. of Pathology University Hospital of Verona.

### **University training**

1980 – M. D., University of Padua

1985 - Registered Pathologist, University of Parma

1989 - Ph.D. in molecular pathology, University of Verona

### **Positions and Employment**

1981 Territorial Medical Service, Villafranca-Verona

1982 Family practitioner, Verona

1982-83 Medical Lieutenant, vice-director of Clinical Pathology and Microbiology Lab, Military Hospital of Verona

1984-88 Fellow, Associazione Italiana Ricerca Cancro (AIRC), application of molecular biology to cancer research.

1989-1992 Assistant Professor of Pathology, University of Verona, Italy

1992-2004 Associate Professor of Pathology, Chief Molecular Pathology Lab, University of Verona, Italy

2004-present Professor of Pathology, University of Verona, Italy

2008-present Director of ARC-NET Research Centre, University of Verona, Italy

2010-2015 Head of Department of Pathology and Diagnostics, University of Verona, Italy

2015-present Member of the Board of Directors of the University of Verona

2016-present Director of Dept. of Pathology

### **Honors**

1990-1991 Invited Scientist at the Japanese National Cancer Center, Tokyo, Japan

2010 Honorary citizenship of the city of Cuenca in Ecuador, in recognition of the results of the 10 year collaboration between the National Cancer Center of Cuenca and the University of Verona, including the foundation of the Molecular diagnostic laboratory pioneering population screening for cervical cancer and molecular diagnosis of cancer, as well as the implementation of the first biobank for research in South America. ([http://www.institutodelcancer.med.ec/index\\_archivos/patologia.htm](http://www.institutodelcancer.med.ec/index_archivos/patologia.htm)).

2014 The biobank of the ARC-Net Research Centre is among the resources listed from the WHO (<http://bcnet.iarc.fr/about/partners.php>).

2015 The ARC-Net Research Centre is recognised as a “Strategic National Laboratory for technological development in Oncology” by the Biotechnology Committee of the Presidency of the Council of Ministers.

2015 Jeremy Jass Prize for Research Excellence in Pathology 2014 for the best scientific paper published in 2014 by the Journal of Pathology, the top-ranked pathology research journal.

### **National and International Consortia**

Leader of National Scientific Consortia: (i) the Pancreas Italia Network (PANIN) that unites the most active centres involved in pancreas cancer research and cure; (ii) the 5 year Italian national programme of the Italian Association for Cancer Research (AIRC) “Innovative tools for cancer risk assessment and early diagnosis in pancreas cancer”; (iii) the Italian project within the International Cancer Genome Consortium for whole genome sequencing of pancreatic neoplasms; iv) member of scientific committee of Veneto Oncology Network for research biobanking and molecular diagnostics; v) member of National Committee for Genomics and Health of the Italian Ministry of Health; vi) leader of the Cancer Biobank Network Programme in the Veneto Region (population 4,600,000), to establish a network of research biobanks; co-leader of Veneto region molecular diagnostics laboratories network.

Member of International Scientific Consortia: (i) the International Cancer Genome Consortium ([www.icgc.org](http://www.icgc.org)), where he participates in the “Tissue and Clinical Annotation Working Group”; (ii) Pancreas Genetic Europe (PANGEN-EU), paneuropean consortium for case-control molecular epidemiological study. (iii) International Lymphoma Epidemiology Consortium (<http://epi.grants.cancer.gov/InterLymph/>) molecular pathology group.

### **Editorial and Advisory Board**

Editorial Board: ‘Pathologica’ and ‘Virchows Archiv’, official organs of the SIAPEC (Società Italiana Anatomia Patologica e Citologia) and ESP (European Society of Pathology), respectively; PLoS ONE.

Advisory boards: Italian Society of Cancerology (SIC) and European Neuroendocrine Tumors Society (ENETS); Cancer Research UK advisory board for development of molecular diagnostics in gastrointestinal cancer.

Working Groups: Leader of Veneto region biobanking standards working group; Leader of integrated initiative between the Italian Associations of Medical Oncology (AIOM) and the Italian Association of Pathology and Cytology (SIAPEC) for oncological biobank standards; Member of European Society of Medical Oncology (ESMO) Translational Research Working Group.

### Scientific activity

Research focus: pioneer since 1980 in molecular genetics of tumors. Cancer Biobanks of tissues and fluids. Molecular diagnostic subclassification of neoplasms for clinical applications. Over 450 publications in peer reviewed journals, 143 publications from 2014-today, the majority of which regard pancreas diseases. These may be retrieved using my unique researcher identifier ORCID: 0000-0003-1678-739X

### Research Funds

The main sources of research funds in the last 10 years were: Public Sources: European Community (framework programmes IV, V, VI, VII), Ministry of University, Ministry of Health; National Research Council. Private Entities: Italian Association for Cancer Research (AIRC), Bank Foundations (Cariverona, Zanotto, Monte dei Paschi di Siena). The total amount of grants is over 20 million Euro.

### Elenco pubblicazioni 2016-2018<sup>1-104</sup>

- [1] Wardell CP, Fujita M, Yamada T, Simbolo M, Fassan M, Karlic R, Polak P, Kim J, Hatanaka Y, Maejima K, Lawlor RT, Nakanishi Y, Mitsuhashi T, Fujimoto A, Furuta M, Ruzzenente A, Conci S, Oosawa A, Sasaki-Oku A, Nakano K, Tanaka H, Yamamoto Y, Michiaki K, Kawakami Y, Aikata H, Ueno M, Hayami S, Gotoh K, Ariizumi SI, Yamamoto M, Yamaue H, Chayama K, Miyano S, Getz G, Scarpa A, Hirano S, Nakamura T, Nakagawa H: Genomic Characterization of Biliary Tract Cancers Identifies Driver Genes and Predisposing Mutations. *J Hepatol* 2018.
- [2] Molina-Montes E, Gomez-Rubio P, Marquez M, Rava M, Lohr M, Michalski CW, Molero X, Farre A, Perea J, Greenhalf W, Ilzarbe L, O'Rorke M, Tardon A, Gress T, Barbera VM, Crnogorac-Jurcevic T, Dominguez-Munoz E, Munoz-Bellvis L, Balsells J, Costello E, Huang J, Iglesias M, Kleeff J, Kong B, Mora J, Murray L, O'Driscoll D, Poves I, Scarpa A, Ye W, Hidalgo M, Sharp L, Carrato A, Real FX, Malats N, PanGen EUSI: Risk of pancreatic cancer associated with family history of cancer and other medical conditions by accounting for smoking among relatives. *Int J Epidemiol* 2018.
- [3] Mafficini A, Scarpa A: Genomic landscape of pancreatic neuroendocrine tumours: The International Cancer Genome Consortium. *J Endocrinol* 2018.
- [4] De Robertis R, Maris B, Cardobi N, Tinazzi Martini P, Gobbo S, Capelli P, Ortolani S, Cingarlini S, Paiella S, Landoni L, Butturini G, Regi P, Scarpa A, Tortora G, D'Onofrio M: Can histogram analysis of MR images predict aggressiveness in pancreatic neuroendocrine tumors? *Eur Radiol* 2018.
- [5] Lawlor RT, Scarpa A: Models of Collaboration and Experiences between Bio-Industry and Academic Biobanks. *Advances in Biobanking Practice Through Public and Private Collaborations*. Edited by Elena Salvaterra E, Corfield J. Bentham Science, 2017 pp. 14-46.
- [6] Yates LR, Seoane J, Le Tourneau C, Siu LL, Marais R, Michiels S, Soria JC, Campbell P, Normanno N, Scarpa A, Reis-Filho JS, Rodon J, Swanton C, Andre F: The European Society for Medical Oncology (ESMO) Precision Medicine Glossary. *Ann Oncol* 2017.
- [7] Wang J, Dumartin L, Mafficini A, Ulug P, Sangaralingam A, Alamiry NA, Radon TP, Salvia R, Lawlor RT, Lemoine NR, Scarpa A, Chelala C, Crnogorac-Jurcevic T: Splice variants as novel targets in pancreatic ductal adenocarcinoma. *Sci Rep* 2017, 7:2980.
- [8] Simone V, Brunetti O, Lupo L, Testini M, Maiorano E, Simone M, Longo V, Rolfo C, Peeters M, Scarpa A, Azzariti A, Russo A, Ribatti D, Silvestris N: Targeting Angiogenesis in Biliary Tract Cancers: An Open Option. *International journal of molecular sciences* 2017, 18.
- [9] Simbolo M, Mafficini A, Sikora KO, Fassan M, Barbi S, Corbo V, Mastracci L, Rusev B, Grillo F, Vicentini C, Ferrara R, Pilotto S, Davini F, Pelosi G, Lawlor RT, Chilosi M, Tortora G, Bria E, Fontanini G, Volante M, Scarpa A: Lung neuroendocrine tumours: deep sequencing of the four WHO histotypes reveals chromatin remodelling genes as major players and a prognostic role for TERT, RB1, MEN1 and KMT2D. *J Pathol* 2017, 241:488-500.

- [10] Silvestris N, Brunetti O, Vasile E, Cellini F, Cataldo I, Pusceddu V, Cattaneo M, Partelli S, Scartozzi M, Aprile G, Casadei Gardini A, Morganti AG, Valentini V, Scarpa A, Falconi M, Calabrese A, Lorusso V, Reni M, Cascinu S: Multimodal treatment of resectable pancreatic ductal adenocarcinoma. *Crit Rev Oncol Hematol* 2017, 111:152-65.
- [11] Scarpa A, Mafficini A: Non-coding regulatory variations: the dark matter of pancreatic cancer genomics. *Gut* 2017.
- [12] Scarpa A, Chang DK, Nones K, Corbo V, Patch AM, Bailey P, Lawlor RT, Johns AL, Miller DK, Mafficini A, Rusev B, Scardoni M, Antonello D, Barbi S, Sikora KO, Cingarlini S, Vicentini C, McKay S, Quinn MCJ, Bruxner TJC, Christ AN, Harliwong I, Idrisoglu S, McLean S, Nourse C, Nourbakhsh E, Wilson PJ, Anderson MJ, Fink JL, Newell F, Waddell N, Holmes O, Kazakoff SH, Leonard C, Wood S, Xu Q, Hiriyur Nagaraj S, Amato E, Dalai I, Bersani S, Cataldo I, Dei Tos AP, Capelli P, Vittoria Davi M, Landoni L, Malpaga A, Miotto M, Whitehall VLJ, Leggett BA, Harris JL, Harris J, Jones MD, Humphris J, Chantrill LA, Chin V, Nagrial AM, Pajic M, Scarlett CJ, Pinho A, Rooman I, Toon C, Wu J, Pinese M, Cowley M, Barbour A, Mawson A, Humphrey ES, Colvin EK, Chou A, Lovell JA, Jamieson NB, Duthie F, Gingras MC, Fisher WE, Dagg RA, Lau LMS, Lee M, Pickett HA, Reddel RR, Samra JS, Kench JG, Merrett ND, Epari K, Nguyen NQ, Zeps N, Falconi M, Simbolo M, Butturini G, Van Buren G, Partelli S, Fassan M, Australian Pancreatic Cancer Genome I, Khanna KK, Gill AJ, Wheeler DA, Gibbs RA, Musgrove EA, Bassi C, Tortora G, Pederzoli P, Pearson JV, Waddell N, Biankin AV, Grimmond SM: Corrigendum: Whole-genome landscape of pancreatic neuroendocrine tumours. *Nature* 2017.
- [13] Scarpa A, Chang DK, Nones K, Corbo V, Patch AM, Bailey P, Lawlor RT, Johns AL, Miller DK, Mafficini A, Rusev B, Scardoni M, Antonello D, Barbi S, Sikora KO, Cingarlini S, Vicentini C, McKay S, Quinn MC, Bruxner TJ, Christ AN, Harliwong I, Idrisoglu S, McLean S, Nourse C, Nourbakhsh E, Wilson PJ, Anderson MJ, Fink JL, Newell F, Waddell N, Holmes O, Kazakoff SH, Leonard C, Wood S, Xu Q, Nagaraj SH, Amato E, Dalai I, Bersani S, Cataldo I, Dei Tos AP, Capelli P, Davi MV, Landoni L, Malpaga A, Miotto M, Whitehall VL, Leggett BA, Harris JL, Harris J, Jones MD, Humphris J, Chantrill LA, Chin V, Nagrial AM, Pajic M, Scarlett CJ, Pinho A, Rooman I, Toon C, Wu J, Pinese M, Cowley M, Barbour A, Mawson A, Humphrey ES, Colvin EK, Chou A, Lovell JA, Jamieson NB, Duthie F, Gingras MC, Fisher WE, Dagg RA, Lau LM, Lee M, Pickett HA, Reddel RR, Samra JS, Kench JG, Merrett ND, Epari K, Nguyen NQ, Zeps N, Falconi M, Simbolo M, Butturini G, Van Buren G, Partelli S, Fassan M, Australian Pancreatic Cancer Genome I, Khanna KK, Gill AJ, Wheeler DA, Gibbs RA, Musgrove EA, Bassi C, Tortora G, Pederzoli P, Pearson JV, Waddell N, Biankin AV, Grimmond SM: Whole-genome landscape of pancreatic neuroendocrine tumours. *Nature* 2017, 543:65-71.
- [14] Remo A, Grillo F, Mastracci L, Fassan M, Sina S, Zanella C, Parcesepe P, Damiano Urso E, Pancione M, Bortuzzo G, Scarpa A, Manfrin E: Clear cell colorectal carcinoma: Time to clarify diagnosis. *Pathol Res Pract* 2017.
- [15] Piro G, Simionato F, Carbone C, Frizziero M, Malleo G, Zanini S, Casolino R, Santoro R, Mina MM, Zecchetto C, Merz V, Scarpa A, Bassi C, Tortora G, Melisi D: A circulating TH2 cytokines profile predicts survival in patients with resectable pancreatic adenocarcinoma. *Oncoimmunology* 2017, 6:e1322242.
- [16] Pilotto S, Gkoutakos A, Carbognin L, Scarpa A, Tortora G, Bria E: MET exon 14 juxtamembrane splicing mutations: clinical and therapeutical perspectives for cancer therapy. *Ann Transl Med* 2017, 5:2.
- [17] Pea A, Yu J, Rezaee N, Luchini C, He J, Dal Molin M, Griffin JF, Fedor H, Fesharakizadeh S, Salvia R, Weiss MJ, Bassi C, Cameron JL, Zheng L, Scarpa A, Hruban RH, Lennon AM, Goggins M, Wolfgang CL, Wood LD: Targeted DNA Sequencing Reveals Patterns of Local Progression in the Pancreatic Remnant Following Resection of Intraductal Papillary Mucinous Neoplasm (IPMN) of the Pancreas. *Ann Surg* 2017, 266:133-41.
- [18] Paiella S, Marchegiani G, Miotto M, Malpaga A, Impellizzeri H, Montagnini G, Pollini T, Nessi C, Butturini G, Capelli P, Posenato I, Scarpa A, D'Onofrio M, De Robertis R, Cingarlini S, Boninsegna L, Bassi C, Salvia R, Landoni L: Are Cystic Pancreatic Neuroendocrine Tumors an Indolent Entity? Results from a Single Center Surgical Series. *Neuroendocrinology* 2017.
- [19] Paiella S, Malleo G, Cataldo I, Gasparini C, De Pastena M, De Marchi G, Marchegiani G, Rusev B, Scarpa A, Girelli R, Giardino A, Frigerio I, D'Onofrio M, Secchetin E, Bassi C, Salvia R: Radiofrequency ablation for locally advanced pancreatic cancer: SMAD4 analysis segregates a responsive subgroup of patients. *Langenbecks Arch Surg* 2017.
- [20] Paiella S, Impellizzeri H, Zanolin E, Marchegiani G, Miotto M, Malpaga A, De Robertis R, D'Onofrio M, Rusev B, Capelli P, Cingarlini S, Butturini G, Davi MV, Amodio A, Bassi C, Scarpa A, Salvia R, Landoni L: Comparison of imaging-based and pathological dimensions in pancreatic neuroendocrine tumors. *World journal of gastroenterology* : WJG 2017, 23:3092-8.
- [21] Muscarella LA, Trombetta D, Fabrizio FP, Scarpa A, Fazio VM, Maiello E, Rossi A, Graziano P: ALK and NRG1 Fusions Coexist in a Patient with Signet Ring Cell Lung Adenocarcinoma. *Journal of thoracic oncology* : official publication of the International Association for the Study of Lung Cancer 2017, 12:e161-e3.
- [22] Milella M, Falcone I, Conciatori F, Matteoni S, Sacconi A, De Luca T, Bazzichetto C, Corbo V, Simbolo M, Sperduti I, Benfante A, Del Curatolo A, Cesta Incani U, Malusa F, Eramo A, Sette G, Scarpa A, Konopleva M, Andreeff M, McCubrey JA, Blandino G, Todaro M, Stassi G, De Maria R, Cognetti F, Del

- Bufalo D, Ciuffreda L: PTEN status is a crucial determinant of the functional outcome of combined MEK and mTOR inhibition in cancer. *Sci Rep* 2017, 7:43013.
- [23] Malpeli G, Barbi S, Zupo S, Tosadori G, Scardoni G, Bertolaso A, Sartoris S, Ugel S, Vicentini C, Fassan M, Adamo A, Krampera M, Scupoli MT, Croce CM, Scarpa A: Identification of microRNAs implicated in the late differentiation stages of normal B cells suggests a central role for miRNA targets ZEB1 and TP53. *Oncotarget* 2017.
- [24] Malleo G, Maggino L, Marchegiani G, Feriani G, Esposito A, Landoni L, Casetti L, Paiella S, Baggio E, Lipari G, Capelli P, Scarpa A, Bassi C, Salvia R: Pancreatectomy with venous resection for pT3 head adenocarcinoma: Perioperative outcomes, recurrence pattern and prognostic implications of histologically confirmed vascular infiltration. *Pancreatology* 2017.
- [25] Luchini C, Robertson SA, Hong SM, Felsenstein M, Anders RA, Pea A, Nottegar A, Veronese N, He J, Weiss MJ, Capelli P, Scarpa A, Argani P, Kapur P, Wood LD: PBRM1 loss is a late event during the development of cholangiocarcinoma. *Histopathology* 2017.
- [26] Luchini C, Pea A, Lionheart G, Mafficini A, Nottegar A, Veronese N, Chianchiano P, Brosens LAA, Noe M, Offerhaus GJA, Yonescu R, Ning Y, Malleo G, Riva G, Piccoli P, Cataldo I, Capelli P, Zamboni G, Scarpa A, Wood LD: Pancreatic undifferentiated carcinoma with osteoclast-like giant cells is genetically similar to, but clinically distinct from, conventional ductal adenocarcinoma. *J Pathol* 2017.
- [27] Luchini C, Fleischmann A, Boormans JL, Fassan M, Nottegar A, Lucato P, Stubbs B, Solmi M, Porcaro A, Veronese N, Brunelli M, Scarpa A, Cheng L: Extranodal extension of lymph node metastasis influences recurrence in prostate cancer: a systematic review and meta-analysis. *Sci Rep* 2017, 7:2374.
- [28] Lote H, Spiteri I, Ermini L, Vatsiou A, Roy A, McDonald A, Maka N, Balsitis M, Bose N, Simbolo M, Mafficini A, Lampis A, Hahne JC, Trevisani F, Eltahir Z, Mentrastrì G, Findlay C, Kalkman E, Punta M, Werner B, Lise S, Aktipis A, Maley C, Greaves M, Braconi C, White J, Fassan M, Scarpa A, Sottoriva A, Valeri N: Carbon dating cancer: defining the chronology of metastatic progression in colorectal cancer. *Ann Oncol* 2017.
- [29] Landoni L, Marchegiani G, Pollini T, Cingarlini S, D'Onofrio M, Capelli P, De Robertis R, Davi MV, Amodio A, Impellizzeri H, Malpaga A, Miotto M, Boninsegna L, Crepaz L, Nessi C, Zingaretti CC, Paiella S, Esposito A, Casetti L, Malleo G, Tuveri M, Butturini G, Salvia R, Scarpa A, Falconi M, Bassi C: The Evolution of Surgical Strategies for Pancreatic Neuroendocrine Tumors (Pan-NENs): Time-trend and Outcome Analysis From 587 Consecutive Resections at a High-volume Institution. *Ann Surg* 2017.
- [30] Lampis A, Carotenuto P, Vlachogiannis G, Cascione L, Hedayat S, Burke R, Clarke P, Bosma E, Simbolo M, Scarpa A, Yu S, Cole R, Smyth E, Mateos JF, Begum R, Hezelova B, Eltahir Z, Wotherspoon A, Fotiadis N, Bali MA, Nepal C, Khan K, Stubbs M, Hahne JC, Gasparini P, Guzzardo V, Croce CM, Eccles S, Fassan M, Cunningham D, Andersen JB, Workman P, Valeri N, Braconi C: MIR21 drives resistance to Heat Shock Protein 90 inhibition in cholangiocarcinoma. *Gastroenterology* 2017.
- [31] Jusakul A, Cutcutache I, Yong CH, Lim JQ, Huang MN, Padmanabhan N, Nellore V, Kongpetch S, Ng AWT, Ng LM, Choo SP, Myint SS, Thanan R, Nagarajan S, Lim WK, Ng CCY, Boot A, Liu M, Ong CK, Rajasegaran V, Lie S, Lim AST, Lim TH, Tan J, Loh JL, McPherson JR, Khuntikeo N, Bhudhisawasdi V, Yongvanit P, Wongkham S, Totoki Y, Nakamura H, Arai Y, Yamasaki S, Chow PKH, Chung AYF, Ooi L, Lim KH, Dima S, Duda DG, Popescu I, Broet P, Hsieh SY, Yu MC, Scarpa A, Lai J, Luo DX, Carvalho AL, Vettore AL, Rhee H, Park YN, Alexandrov L, Gordan R, Rozen SG, Shibata T, Pairojkul C, Teh BT, Tan P: Whole-Genome and Epigenomic Landscapes of Etiologically Distinct Subtypes of Cholangiocarcinoma. *Cancer Discov* 2017.
- [32] Humphris JL, Patch AM, Nones K, Bailey PJ, Johns AL, McKay S, Chang DK, Miller DK, Pajic M, Kassahn KS, Quinn MC, Bruxner TJ, Christ AN, Harliwong I, Idrisoglu S, Manning S, Nourse C, Nourbakhsh E, Stone A, Wilson PJ, Anderson M, Fink JL, Holmes O, Kazakoff S, Leonard C, Newell F, Waddell N, Wood S, Mead RS, Xu Q, Wu J, Pinese M, Cowley MJ, Jones MD, Nagrial AM, Chin VT, Chantrill LA, Mawson A, Chou A, Scarlett CJ, Pinho AV, Rooman I, Giry-Laterriere M, Samra JS, Kench JG, Merrett ND, Toon CW, Epari K, Nguyen NQ, Barbour A, Zeps N, Jamieson NB, McKay CJ, Carter CR, Dickson EJ, Graham JS, Duthie F, Oien K, Hair J, Morton JP, Sansom OJ, Grutzmann R, Hruban RH, Maitra A, Iacobuzio-Donahue CA, Schulick RD, Wolfgang CL, Morgan RA, Lawlor RT, Rusev B, Corbo V, Salvia R, Cataldo I, Tortora G, Tempero MA, Australian Pancreatic Cancer Genome I, Hofmann O, Eshleman JR, Pilarsky C, Scarpa A, Musgrove EA, Gill AJ, Pearson JV, Grimmond SM, Waddell N, Biankin AV: Hypermutation In Pancreatic Cancer. *Gastroenterology* 2017, 152:68-74.
- [33] Gress TM, Lausser L, Schirra LR, Ortmuller L, Diels R, Kong B, Michalski CW, Hackert T, Strobel O, Giese NA, Schenk M, Lawlor RT, Scarpa A, Kestler HA, Buchholz M: Combined microRNA and mRNA microfluidic TaqMan array cards for the diagnosis of malignancy of multiple types of pancreatico-biliary tumors in fine-needle aspiration material. *Oncotarget* 2017, 8:108223-37.
- [34] Gomez-Rubio P, Zock JP, Rava M, Marquez M, Sharp L, Hidalgo M, Carrato A, Ilzarbe L, Michalski C, Molero X, Farre A, Perea J, Greenhalf W, O'Rourke M, Tardon A, Gress T, Barbera V, Crnogorac-Jurcevic T, Dominguez-Munoz E, Munoz-Bellvis L, Alvarez-Urturi C, Balcells J, Barneo L, Costello E, Guillen-Ponce C, Kleeff J, Kong B, Lawlor R, Lohr M, Mora J, Murray L, O'Driscoll D, Pelaez P, Poves I, Scarpa A, Real FX,

- Malats N, PanGen EUSI: Reduced risk of pancreatic cancer associated with asthma and nasal allergies. *Gut* 2017, 66:314-22.
- [35] Gomez-Rubio P, Rosato V, Marquez M, Bosetti C, Molina-Montes E, Rava M, Pinero J, Michalski CW, Farre A, Molero X, Lohr M, Ilzarbe L, Perea J, Greenhalf W, O'Rorke M, Tardon A, Gress T, Barbera VM, Crnogorac-Jurcevic T, Munoz-Bellvis L, Dominguez-Munoz E, Gutierrez-Sacristan A, Balsells J, Costello E, Guillen-Ponce C, Huang J, Iglesias M, Kleeff J, Kong B, Mora J, Murray L, O'Driscoll D, Pelaez P, Poves I, Lawlor RT, Carrato A, Hidalgo M, Scarpa A, Sharp L, Furlong LI, Real FX, La Vecchia C, Malats N, PanGen EUSI: A systems approach identifies time-dependent associations of multimorbidities with pancreatic cancer risk. *Ann Oncol* 2017.
- [36] Gohil SH, Paredes-Moscoso SR, Harrasser M, Vezzalini M, Scarpa A, Morris E, Davidoff AM, Sorio C, Nathwani AC, Della Peruta M: An ROR1 bi-specific T-cell engager provides effective targeting and cytotoxicity against a range of solid tumors. *Oncoimmunology* 2017, 6:e1326437.
- [37] Fassan M, Rusev B, Corbo V, Gasparini P, Luchini C, Vicentini C, Mafficini A, Paiella S, Salvia R, Cataldo I, Scarpa A, Huebner K: Fhit down-regulation is an early event in pancreatic carcinogenesis. *Virchows Arch* 2017.
- [38] Eccher A, Cima L, Ciangherotti A, Montin U, Violi P, Carraro A, Tedeschi U, Nacchia F, Fior F, Rostand M, Boschiero L, D'Errico A, Scarpa A, Casartelli-Liviero M, Ferrari G, Rodini V, Tomaselli E, Zampicini L, Vanzo F, Bovo C, Feltrin G, Neil D, Brunelli M: Rapid screening for malignancy in organ donors. 15 years experience with the Verona "Alert" protocol and review of the literature. *Clin Transplant* 2017.
- [39] Del Re M, Tiseo M, Bordi P, D'Incecco A, Camerini A, Petrini I, Lucchesi M, Inno A, Spada D, Vasile E, Citi V, Malpeli G, Testa E, Gori S, Falcone A, Amoroso D, Chella A, Cappuzzo F, Ardizzoni A, Scarpa A, Danesi R: Contribution of KRAS mutations and c.2369C > T (p.T790M) EGFR to acquired resistance to EGFR-TKIs in EGFR mutant NSCLC: a study on circulating tumor DNA. *Oncotarget* 2017, 8:13611-9.
- [40] De Robertis R, Cingarlini S, Tinazzi Martini P, Ortolani S, Butturini G, Landoni L, Regi P, Girelli R, Capelli P, Gobbo S, Tortora G, Scarpa A, Pederzoli P, D'Onofrio M: Pancreatic neuroendocrine neoplasms: Magnetic resonance imaging features according to grade and stage. *World journal of gastroenterology* : WJG 2017, 23:275-85.
- [41] Dando I, Pacchiana R, Pozza ED, Cataldo I, Bruno S, Conti P, Cordani M, Grimaldi A, Butera G, Caraglia M, Scarpa A, Palmieri M, Donadelli M: UCP2 inhibition induces ROS/Akt/mTOR axis: role of GAPDH nuclear translocation in genipin/everolimus anticancer synergism. *Free Radic Biol Med* 2017.
- [42] D'Onofrio M, Cingarlini S, Ortolani S, Crosara S, R DER, Vallerio P, Grego E, Ciaravino V, Ruzzenente A, Landoni L, Scarpa A, Bassi C, Tortora G: Perfusion CT Changes in Liver Metastases from Pancreatic Neuroendocrine Tumors During Everolimus Treatment. *Anticancer Res* 2017, 37:1305-11.
- [43] Ciuffreda L, Del Curatolo A, Falcone I, Conciatori F, Bazzichetto C, Cognetti F, Corbo V, Scarpa A, Milella M: Lack of growth inhibitory synergism with combined MAPK/PI3K inhibition in preclinical models of pancreatic cancer. *Ann Oncol* 2017.
- [44] Cima L, Riva G, D'Errico A, Casartelli-Liviero M, Capelli P, Tomezzoli A, Montin U, Carraro A, Scarpa A, Ghimenton C, Colombari R, Brunelli M, Eccher A: Fast Chromotrope Aniline Blue Special Stain Is a Useful Tool to Assess Fibrosis on Liver Biopsy During Transplantation. *Transplant Proc* 2017, 49:667-70.
- [45] Chattaragada MS, Riganti C, Sassoe M, Principe M, Santamorena MM, Roux C, Curcio C, Evangelista A, Allavena P, Salvia R, Rusev B, Scarpa A, Cappello P, Novelli F: FAM49B, a novel regulator of mitochondrial function and integrity that suppresses tumor metastasis. *Oncogene* 2017.
- [46] Carbone C, Piro G, Gaianigo N, Ligorio F, Santoro R, Merz V, Simionato F, Zecchetto C, Falco G, Conti G, Kanga PT, Krampera M, Di Nicolantonio F, De Franceschi L, Scarpa A, Tortora G, Melisi D: Adipocytes sustain pancreatic cancer progression through a non-canonical WNT paracrine network inducing ROR2 nuclear shuttling. *Int J Obes (Lond)* 2017.
- [47] Carbognin L, Sperduti I, Fabi A, Dieci MV, Kadrija D, Griguolo G, Pilotto S, Guarneri V, Zampiva I, Brunelli M, Orvieto E, Nortilli R, Fiorio E, Parolin V, Manfrin E, Calio A, Nistico C, Pellini F, Scarpa A, Pollini GP, Conte P, Tortora G, Bria E: Prognostic impact of proliferation for resected early stage 'pure' invasive lobular breast cancer: Cut-off analysis of Ki67 according to histology and clinical validation. *Breast* 2017, 35:21-6.
- [48] Brunelli M, Eccher A, Cima L, Trippini T, Pedron S, Chilosi M, Barbareschi M, Scarpa A, Pinna G, Cabrini G, Pilotto S, Carbognin L, Bria E, Tortora G, Fioravanzo A, Schiavo N, Meglio M, Sava T, Belli L, Martignoni G, Ghimenton C: Next-generation repeat-free FISH probes for DNA amplification in glioblastoma in vivo: Improving patient selection to MDM2-targeted inhibitors. *Cancer Genet* 2017, 210:28-33.
- [49] Bauer AS, Nazarov PV, Giese NA, Beghelli S, Heller A, Greenhalf W, Costello E, Muller A, Bier M, Strobel O, Hackert T, Vallar L, Scarpa A, Buchler MW, Neoptolemos JP, Kreis S, Hoheisel JD: Transcriptional variations in the wider peritumoral tissue environment of pancreatic cancer. *Int J Cancer* 2017.
- [50] Balachandran VP, Luksza M, Zhao JN, Makarov V, Moral JA, Remark R, Herbst B, Askan G, Bhanot U, Senbabaoglu Y, Wells DK, Cary CIO, Grbovic-Huezo O, Attiyeh M, Medina B, Zhang J, Loo J, Saglimbeni J, Abu-Akeel M, Zappasodi R, Riaz N, Smoragiewicz M, Kelley ZL, Basturk O, Australian Pancreatic Cancer

- Genome I, Garvan Institute of Medical R, Prince of Wales H, Royal North Shore H, University of G, St Vincent's H, Institute QMBR, University of Melbourne CfCR, University of Queensland IfMB, Bankstown H, Liverpool H, Royal Prince Alfred Hospital COBL, Westmead H, Fremantle H, St John of God H, Royal Adelaide H, Flinders Medical C, Envoi P, Princess Alexandria H, Austin H, Johns Hopkins Medical I, Cancer A-NCfARo, Gonen M, Levine AJ, Allen PJ, Fearon DT, Merad M, Gnjatic S, Iacobuzio-Donahue CA, Wolchok JD, DeMatteo RP, Chan TA, Greenbaum BD, Merghoub T, Leach SD: Identification of unique neoantigen qualities in long-term survivors of pancreatic cancer. *Nature* 2017.
- [51] Zhang M, Wang Z, Obazee O, Jia J, Childs EJ, Hoskins J, Figlioli G, Mocci E, Collins I, Chung CC, Hautman C, Arslan AA, Beane-Freeman L, Bracci PM, Buring J, Duell EJ, Gallinger S, Giles GG, Goodman GE, Goodman PJ, Kamineni A, Kolonel LN, Kulke MH, Malats N, Olson SH, Sesso HD, Visvanathan K, White E, Zheng W, Abnet CC, Albanes D, Andreotti G, Brais L, Bueno-de-Mesquita HB, Basso D, Berndt SI, Boutron-Ruault MC, Bijlsma MF, Brenner H, Burdette L, Campa D, Caporaso NE, Capurso G, Cavestro GM, Cotterchio M, Costello E, Elena J, Boggi U, Gaziano JM, Gazouli M, Giovannucci EL, Goggins M, Gross M, Haiman CA, Hassan M, Helzlsouer KJ, Hu N, Hunter DJ, Iskierka-Jazdzewska E, Jenab M, Kaaks R, Key TJ, Khaw KT, Klein EA, Kogevinas M, Krogh V, Kupcinkas J, Kurtz RC, Landi MT, Landi S, Le Marchand L, Mambrini A, Mannisto S, Milne RL, Neale RE, Oberg AL, Panico S, Patel AV, Peeters PH, Peters U, Pezzilli R, Porta M, Purdue M, Quiros JR, Riboli E, Rothman N, Scarpa A, Scelo G, Shu XO, Silverman DT, Soucek P, Strobel O, Sund M, Malecka-Panas E, Taylor PR, Tavano F, Travis RC, Thornquist M, Tjonneland A, Tobias GS, Trichopoulos D, Vashist Y, Vodicka P, Wactawski-Wende J, Wentzensen N, Yu H, Yu K, Zeleniuch-Jacquotte A, Kooperberg C, Risch HA, Jacobs EJ, Li D, Fuchs C, Hoover R, Hartge P, Chanock SJ, Petersen GM, Stolzenberg-Solomon RS, Wolpin BM, Kraft P, Klein AP, Canzian F, Amundadottir LT: Three new pancreatic cancer susceptibility signals identified on chromosomes 1q32.1, 5p15.33 and 8q24.21. *Oncotarget* 2016.
- [52] Yachida S, Wood LD, Suzuki M, Takai E, Totoki Y, Kato M, Luchini C, Arai Y, Nakamura H, Hama N, Elzawahry A, Hosoda F, Shirota T, Morimoto N, Hori K, Funazaki J, Tanaka H, Morizane C, Okusaka T, Nara S, Shimada K, Hiraoka N, Taniguchi H, Higuchi R, Oshima M, Okano K, Hirano S, Mizuma M, Arihiro K, Yamamoto M, Unno M, Yamaue H, Weiss MJ, Wolfgang CL, Furukawa T, Nakagama H, Vogelstein B, Kiyono T, Hruban RH, Shibata T: Genomic Sequencing Identifies ELF3 as a Driver of Ampullary Carcinoma. *Cancer Cell* 2016, 29:229-40.
- [53] Visone R, Pallante P, Vecchione A, Cirombella R, Ferracin M, Ferraro A, Volinia S, Coluzzi S, Leone V, Borbone E, Liu CG, Petrocca F, Troncone G, Calin GA, Scarpa A, Colato C, Tallini G, Santoro M, Croce CM, Fusco A: Specific microRNAs are downregulated in human thyroid anaplastic carcinomas. *Oncogene* 2016.
- [54] Veronese N, Nottegar A, Pea A, Solmi M, Stubbs B, Capelli P, Sergi G, Manzato E, Fassan M, Wood LD, Scarpa A, Luchini C: Prognostic impact and implications of extracapsular lymph node involvement in colorectal cancer: a systematic review with meta-analysis. *Ann Oncol* 2016, 27:42-8.
- [55] Takaori K, Bassi C, Biankin A, Brunner TB, Cataldo I, Campbell F, Cunningham D, Falconi M, Frampton AE, Furuse J, Giovannini M, Jackson R, Nakamura A, Nealon W, Neoptolemos JP, Real FX, Scarpa A, Sclafani F, Windsor JA, Yamaguchi K, Wolfgang C, Johnson CD, cancer IESgotcmop: International Association of Pancreatology (IAP)/European Pancreatic Club (EPC) consensus review of guidelines for the treatment of pancreatic cancer. *Pancreatology* 2016, 16:14-27.
- [56] Simbolo M, Fassan M, Mafficini A, Lawlor RT, Ruzzenente A, Scarpa A: New genomic landscapes and therapeutic targets for biliary tract cancers. *Front Biosci (Landmark Ed)* 2016, 21:707-18.
- [57] Simbolo M, Capelli P, Cataldo I, Scarpa A: Hepatocellular carcinoma genetic landscape. *Hepatocellular Carcinoma in the 3rd Millennium*. Edited by Berretta M, Cacopardo B. New York: Nova Science Publishers, 2016.
- [58] Silvestris N, Longo V, Cellini F, Reni M, Bittoni A, Cataldo I, Partelli S, Falconi M, Scarpa A, Brunetti O, Lorusso V, Santini D, Morganti A, Valentini V, Cascinu S: Neoadjuvant multimodal treatment of pancreatic ductal adenocarcinoma. *Crit Rev Oncol Hematol* 2016, 98:309-24.
- [59] Ruzzenente A, Fassan M, Conci S, Simbolo M, Lawlor RT, Pedrazzani C, Capelli P, D'Onofrio M, Iacono C, Scarpa A, Guglielmi A: Cholangiocarcinoma Heterogeneity Revealed by Multigene Mutational Profiling: Clinical and Prognostic Relevance in Surgically Resected Patients. *Ann Surg Oncol* 2016, 23:1699-707.
- [60] Ruzzenente A, Bagante F, Bertuzzo F, Aldrighetti L, Ercolani G, Giuliante F, Ferrero A, Torzilli G, Grazi GL, Ratti F, Cucchetti A, De Rose AM, Russolillo N, Cimino M, Perri P, Cataldo I, Scarpa A, Guglielmi A, Iacono C: A Novel Nomogram to Predict the Prognosis of Patients Undergoing Liver Resection for Neuroendocrine Liver Metastasis: an Analysis of the Italian Neuroendocrine Liver Metastasis Database. *J Gastrointest Surg* 2016.
- [61] Rizzato C, Campa D, Talar-Wojnarowska R, Halloran C, Kupcinkas J, Butturini G, Mohelnikova-Duchonova B, Sperti C, Tjaden C, Ghaneh P, Hackert T, Funel N, Giese N, Tavano F, Pezzilli R, Pedata M, Pasquali C, Gazouli M, Mambrini A, Soucek P, di Sebastiano P, Capurso G, Cantore M, Oliverius M, Offringa R, Malecka-Panas E, Strobel O, Scarpa A, Canzian F: Association of genetic polymorphisms with survival of pancreatic ductal adenocarcinoma patients. *Carcinogenesis* 2016, 37:957-64.

- [62] Piro G, Carbone C, Cataldo I, Di Nicolantonio F, Giacopuzzi S, Aprile G, Simionato F, Boschi F, Zanotto M, Mina MM, Santoro R, Merz V, Sbarbati A, de Manzoni G, Scarpa A, Tortora G, Melisi D: An FGFR3 autocrine loop sustains acquired resistance to trastuzumab in gastric cancer patients. *Clin Cancer Res* 2016.
- [63] Perico ME, Grasso S, Brunelli M, Martignoni G, Munari E, Moiso E, Fracasso G, Cestari T, Naim HY, Bronte V, Colombatti M, Ramarli D: Prostate-specific membrane antigen (PSMA) assembles a macromolecular complex regulating growth and survival of prostate cancer cells "in vitro" and correlating with progression "in vivo". *Oncotarget* 2016, 7:74189-202.
- [64] Peretti U, Ferrara R, Pilotto S, Kinspergher S, Caccese M, Santo A, Brunelli M, Calio A, Carbognin L, Sperduti I, Garassino M, Chilosi M, Scarpa A, Tortora G, Bria E: ALK gene copy number gains in non-small-cell lung cancer: prognostic impact and clinico-pathological correlations. *Respir Res* 2016, 17:105.
- [65] Pelosi G, Scarpa A, Forest F, Sonzogni A: The impact of immunohistochemistry on the classification of lung tumors. *Expert Rev Respir Med* 2016.
- [66] Oberg KE, Krenning E, Sundin A, Bodei L, Kidd M, Tesselaar M, Ambrosini V, Baum RP, Kulke MH, Pavel M, Cwikla JB, Drozdov I, Falconi M, Fazio N, Frilling A, Jensen R, Koopmans K, Korse T, Kwekkeboom D, Maecke H, Paganelli G, Salazar R, Severi S, Strosberg J, Prasad V, Scarpa A, Grossman A, Walenkamp A, Cives M, Virgolini I, Kjaer A, Modlin I: A Delphic Consensus assessment: imaging and biomarkers in gastroenteropancreatic neuroendocrine tumour disease management. *Endocr Connect* 2016, 5:174-87.
- [67] Modena A, Iacovelli R, Scarpa A, Brunelli M, Ciccarese C, Fantinel E, Bimbatti D, Massari F, Martignoni G, Tortora G: Investigating BRCA Mutations: A Breakthrough in Precision Medicine of Castration-Resistant Prostate Cancer. *Target Oncol* 2016.
- [68] Melchionna R, Iapicca P, Di Modugno F, Trono P, Sperduti I, Fassan M, Cataldo I, Rusev BC, Lawlor RT, Diodoro MG, Milella M, Grazi GL, Bissell MJ, Scarpa A, Nistico P: The pattern of hMENA isoforms is regulated by TGF-beta1 in pancreatic cancer and may predict patient outcome. *Oncoimmunology* 2016, 5:e1221556.
- [69] Marchegiani G, Andrianello S, Massignani M, Malleo G, Maggino L, Paiella S, Ferrone CR, Luchini C, Scarpa A, Capelli P, Mino-Kenudson M, Lillemoe KD, Bassi C, Castillo CF, Salvia R: Solid pseudopapillary tumors of the pancreas: Specific pathological features predict the likelihood of postoperative recurrence. *J Surg Oncol* 2016, 114:597-601.
- [70] Marchegiani G, Andrianello S, Malleo G, De Gregorio L, Scarpa A, Mino-Kenudson M, Maggino L, Ferrone CR, Lillemoe KD, Bassi C, Castillo CF, Salvia R: Does Size Matter in Pancreatic Cancer?: Reappraisal of Tumour Dimension as a Predictor of Outcome Beyond the TNM. *Ann Surg* 2016.
- [71] Mafficini A, Simbolo M, Parisi A, Rusev B, Luchini C, Cataldo I, Piazzola E, Sperandio N, Turri G, Franchi M, Tortora G, Bovo C, Lawlor RT, Scarpa A: BRCA somatic and germline mutation detection in paraffin embedded ovarian cancers by next-generation sequencing. *Oncotarget* 2016, 7:1076-83.
- [72] Mafficini A, Amato E, Cataldo I, Rusev BC, Bertoncetto L, Corbo V, Simbolo M, Luchini C, Fassan M, Cantu C, Salvia R, Marchegiani G, Tortora G, Lawlor RT, Bassi C, Scarpa A: Ampulla of Vater Carcinoma: Sequencing Analysis Identifies TP53 Status as a Novel Independent Prognostic Factor and Potentially Actionable ERBB, PI3K, and WNT Pathways Gene Mutations. *Ann Surg* 2016.
- [73] Luchini C, Wood LD, Cheng L, Nottegar A, Stubbs B, Solmi M, Capelli P, Pea A, Sergi G, Manzato E, Fassan M, Bagante F, Bollschweiler E, Giacopuzzi S, Kaneko T, de Manzoni G, Barbareschi M, Scarpa A, Veronese N: Extranodal extension of lymph node metastasis is a marker of poor prognosis in oesophageal cancer: a systematic review with meta-analysis. *J Clin Pathol* 2016.
- [74] Luchini C, Veronese N, Yachida S, Cheng L, Nottegar A, Stubbs B, Solmi M, Capelli P, Pea A, Barbareschi M, Fassan M, Wood LD, Scarpa A: Different Prognostic Roles Of Tumor Suppressor Gene BAP1 In Cancer: A Systematic Review With Meta-Analysis. *Genes Chromosomes Cancer* 2016.
- [75] Luchini C, Veronese N, Pea A, Sergi G, Manzato E, Nottegar A, Solmi M, Capelli P, Scarpa A: Extranodal extension in N1-adenocarcinoma of the pancreas and papilla of Vater: a systematic review and meta-analysis of its prognostic significance. *Eur J Gastroenterol Hepatol* 2016, 28:205-9.
- [76] Luchini C, Nottegar A, Pea A, Solmi M, Stubbs B, Capelli P, Sergi G, Manzato E, Fassan M, Wood LD, Scarpa A, Veronese N: Significance of the prognostic stratification of extranodal extension in colorectal cancer. *Ann Oncol* 2016.
- [77] Luchini C, Nottegar A, Pea A, Solmi M, Stubbs B, Capelli P, Sergi G, Manzato E, Fassan M, Wood LD, Scarpa A, Veronese N: Extra-nodal extension is an important prognostic parameter for both colonic and rectal cancer. *Ann Oncol* 2016.
- [78] Luchini C, Capelli P, Scarpa A: Pancreatic Ductal Adenocarcinoma and Its Variants. *Surg Pathol Clin* 2016, 9:547-60.
- [79] Lai ZW, Bolm L, Fuellgraf H, Biniossek ML, Makowiec F, Hopt UT, Werner M, Keck T, Bausch D, Sorio C, Scarpa A, Schilling O, Bronsert P, Wellner UF: Characterization of various cell lines from different ampullary cancer subtypes and cancer associated fibroblast-mediated responses. *BMC Cancer* 2016, 16:195.

- [80] Khalil S, Fabbri E, Santangelo A, Bezzerri V, Cantu C, Di Gennaro G, Finotti A, Ghimenton C, Eccher A, Dechecchi M, Scarpa A, Hirshman B, Chen C, Ferracin M, Negrini M, Gambari R, Cabrini G: miRNA array screening reveals cooperative MGMT-regulation between miR-181d-5p and miR-409-3p in glioblastoma. *Oncotarget* 2016.
- [81] Jeremy Jass Prize: Jeremy Jass Prize for Research Excellence in Pathology 2014. *J Pathol* 2016, 238:598.
- [82] Jandaghi P, Najafabadi HS, Bauer AS, Papadakis AI, Fassan M, Hall A, Monast A, von Knebel Doeberitz M, Neoptolemos JP, Costello E, Greenhalf W, Scarpa A, Sipos B, Auld D, Lathrop M, Park M, Buchler MW, Strobel O, Hackert T, Giese NA, Zogopoulos G, Sangwan V, Huang S, Riazalhosseini Y, Hoheisel JD: Expression of DRD2 Is Increased in Human Pancreatic Ductal Adenocarcinoma and Inhibitors Slow Tumor Growth in Mice. *Gastroenterology* 2016.
- [83] Gingras MC, Covington KR, Chang DK, Donehower LA, Gill AJ, Ittmann MM, Creighton CJ, Johns AL, Shinbrot E, Dewal N, Fisher WE, Australian Pancreatic Cancer Genome I, Pilarsky C, Grutzmann R, Overman MJ, Jamieson NB, Van Buren G, 2nd, Drummond J, Walker K, Hampton OA, Xi L, Muzny DM, Doddapaneni H, Lee SL, Bellair M, Hu J, Han Y, Dinh HH, Dahdoui M, Samra JS, Bailey P, Waddell N, Pearson JV, Harliwong I, Wang H, Aust D, Oien KA, Hruban RH, Hodges SE, McElhany A, Saengboonmee C, Duthie FR, Grimmond SM, Biankin AV, Wheeler DA, Gibbs RA: Ampullary Cancers Harbor ELF3 Tumor Suppressor Gene Mutations and Exhibit Frequent WNT Dysregulation. *Cell Rep* 2016, 14:907-19.
- [84] *firb I*: 2016.
- [85] Fiorentino M, Gruppioni E, Massari F, Giunchi F, Altissimi A, Ciccicarese C, Bimbatti D, Scarpa A, Iacovelli R, Porta C, Virinder S, Tortora G, Artibani W, Schiavina R, Ardizzoni A, Brunelli M, Knuutila S, Martignoni G: Wide spectrum mutational analysis of metastatic renal cell cancer: a retrospective next generation sequencing approach. *Oncotarget* 2016.
- [86] Crippa S, Partelli S, Bassi C, Berardi R, Capelli P, Scarpa A, Zamboni G, Falconi M: Long-term outcomes and prognostic factors in neuroendocrine carcinomas of the pancreas: Morphology matters. *Surgery* 2016, 159:862-71.
- [87] Cordani M, Pacchiana R, Butera G, D'Orazi G, Scarpa A, Donadelli M: Mutant p53 proteins alter cancer cell secretome and tumour microenvironment: involvement in cancer invasion and metastasis. *Cancer Lett* 2016.
- [88] Cocco P, Zucca M, Sanna S, Satta G, Nonne T, Angelucci E, Gabbas A, Rais M, Malpeli G, Campagna M, Scarpa A, G. EM: N-acetyltransferase polymorphisms are associated with risk of lymphoma subtypes. *Hematol Oncol* 2016, 34:79-83.
- [89] Cingarlini S, Ortolani S, Salgarello M, Butturini G, Malpaga A, Malfatti V, D'Onofrio M, Davi MV, Vallerio P, Ruzzenente A, Capelli P, Citton E, Grego E, Trentin C, De Robertis R, Scarpa A, Bassi C, Tortora G: Role of Combined 68Ga-DOTATOC and 18F-FDG Positron Emission Tomography/Computed Tomography in the Diagnostic Workup of Pancreas Neuroendocrine Tumors: Implications for Managing Surgical Decisions. *Pancreas* 2016.
- [90] Carotenuto P, Fassan M, Pandolfo R, Lampis A, Vicentini C, Cascione L, Paulus-Hock V, Boulter L, Guest R, Quagliata L, Hahne JC, Ridgway R, Jamieson T, Athineos D, Veronese A, Visone R, Murgia C, Ferrari G, Guzzardo V, Evans TR, MacLeod M, Feng GJ, Dale T, Negrini M, Forbes SJ, Terracciano L, Scarpa A, Patel T, Valeri N, Workman P, Sansom O, Braconi C: Wnt signalling modulates transcribed-ultraconserved regions in hepatobiliary cancers. *Gut* 2016.
- [91] Campa D, Capurso G, Pastore M, Talar-Wojnarowska R, Milanetto AC, Landoni L, Maiello E, Lawlor RT, Malecka-Panas E, Funel N, Gazouli M, De Bonis A, Kluter H, Rinzivillo M, Delle Fave G, Hackert T, Landi S, Bugert P, Bambi F, Archibugi L, Scarpa A, Katzke V, Derveniz C, Lico V, Furlanello S, Strobel O, Tavano F, Basso D, Kaaks R, Pasquali C, Gentiluomo M, Rizzato C, Canzian F: Common germline variants within the CDKN2A/2B region affect risk of pancreatic neuroendocrine tumors. *Sci Rep* 2016, 6:39565.
- [92] Calio A, Bria E, Pilotto S, Gilioli E, Nottegar A, Eccher A, Cima L, Santo A, Pedron S, Turri G, Knuutila S, Chilosi M, Vanzo F, Bogina G, Terzi A, Tortora G, Scarpa A, Loda M, Martignoni G, Brunelli M: ALK gene copy number in lung cancer: Unspecific polyploidy versus specific amplification visible as double minutes. *Cancer Biomark* 2016.
- [93] Caccese M, Ferrara R, Pilotto S, Carbognin L, Grizzi G, Calio A, Brunelli M, Cuppone F, Petraglia S, Scarpa A, Tortora G, Bria E: Current and developing therapies for the treatment of non-small cell lung cancer with ALK abnormalities: update and perspectives for clinical practice. *Expert opinion on pharmacotherapy* 2016.
- [94] Bria E, Pilotto S, Simbolo M, Fassan M, de Manzoni G, Carbognin L, Sperduti I, Brunelli M, Cataldo I, Tomezzoli A, Mafficini A, Turri G, Karachaliou N, Rosell R, Tortora G, Scarpa A: Comprehensive molecular portrait using next generation sequencing of resected intestinal-type gastric cancer patients dichotomized according to prognosis. *Sci Rep* 2016, 6:22982.
- [95] Brandi J, Dando I, Pozza ED, Biondani G, Jenkins R, Elliott V, Park K, Fanelli G, Zolla L, Costello E, Scarpa A, Ceconi D, Palmieri M: Proteomic analysis of pancreatic cancer stem cells: Functional role of fatty acid synthesis and mevalonate pathways. *J Proteomics* 2016.



- [96] Brandi J, Dalla Pozza E, Dando I, Biondani G, Robotti E, Jenkins R, Elliott V, Park K, Marengo E, Costello E, Scarpa A, Palmieri M, Cecconi D: Secretome protein signature of human pancreatic cancer stem-like cells. *J Proteomics* 2016, 136:1-12.
- [97] Botla SK, Savant S, Jandaghi P, Bauer AS, Mucke O, Moskalev EA, Neoptolemos JP, Costello E, Greenhalf W, Scarpa A, Gaida MM, Buchler MW, Strobel O, Hackert T, Giese NA, Augustin HG, Hoheisel JD: Early epigenetic down-regulation of microRNA-192 expression promotes pancreatic cancer progression. *Cancer Res* 2016.
- [98] Bailey P, Chang DK, Nones K, Johns AL, Patch AM, Gingras MC, Miller DK, Christ AN, Bruxner TJ, Quinn MC, Nourse C, Murtaugh LC, Harliwong I, Idrisoglu S, Manning S, Nourbakhsh E, Wani S, Fink L, Holmes O, Chin V, Anderson MJ, Kazakoff S, Leonard C, Newell F, Waddell N, Wood S, Xu Q, Wilson PJ, Cloonan N, Kassahn KS, Taylor D, Quek K, Robertson A, Pantano L, Mincarelli L, Sanchez LN, Evers L, Wu J, Pinese M, Cowley MJ, Jones MD, Colvin EK, Nagrial AM, Humphrey ES, Chantrell LA, Mawson A, Humphris J, Chou A, Pajic M, Scarlett CJ, Pinho AV, Giry-Laterriere M, Rooman I, Samra JS, Kench JG, Lovell JA, Merrett ND, Toon CW, Epari K, Nguyen NQ, Barbour A, Zeps N, Moran-Jones K, Jamieson NB, Graham JS, Duthie F, Oien K, Hair J, Grutzmann R, Maitra A, Iacobuzio-Donahue CA, Wolfgang CL, Morgan RA, Lawlor RT, Corbo V, Bassi C, Rusev B, Capelli P, Salvia R, Tortora G, Mukhopadhyay D, Petersen GM, Australian Pancreatic Cancer Genome I, Munzy DM, Fisher WE, Karim SA, Eshleman JR, Hruban RH, Pilarsky C, Morton JP, Sansom OJ, Scarpa A, Musgrove EA, Bailey UM, Hofmann O, Sutherland RL, Wheeler DA, Gill AJ, Gibbs RA, Pearson JV, Waddell N, Biankin AV, Grimmond SM: Genomic analyses identify molecular subtypes of pancreatic cancer. *Nature* 2016, 531:47-52.
- [99] Azzariti A, Brunetti O, Porcelli L, Graziano G, Iacobazzi RM, Signorile M, Scarpa A, Lorusso V, Silvestris N: Potential predictive role of chemotherapy-induced changes of soluble CD40 ligand in untreated advanced pancreatic ductal adenocarcinoma. *Onco Targets Ther* 2016, 9:4681-6.
- [100] Andrici J, Goeppert B, Sioson L, Clarkson A, Renner M, Stenzinger A, Tayao M, Watson N, Farzin M, Toon CW, Smith RC, Mittal A, Samra JS, Hugh TJ, Chou A, Lawlor RT, Weichert W, Schirmacher P, Sperandio N, Ruzzenente A, Scarpa A, Gill AJ: Loss of BAP1 Expression Occurs Frequently in Intrahepatic Cholangiocarcinoma. *Medicine (Baltimore)* 2016, 95:e2491.
- [101] Andrianello S, Marchegiani G, Malleo G, Rusev BC, Scarpa A, Bonamini D, Maggino L, Bassi C, Salvia R: Over 700 Whipples for Pancreaticobiliary Malignancies: Postoperative Morbidity Is an Additional Negative Prognostic Factor for Distal Bile Duct Cancer. *J Gastrointest Surg* 2016.
- [102] Andrea Ruzzenente<sup>1</sup> FB, Marco Sandri BS<sup>2</sup>, Corrado Pedrazzani<sup>1</sup>, Matteo Brunelli<sup>3</sup>, Tommaso Campagnaro<sup>1</sup>, Simone Conci<sup>1</sup>, Paola Capelli<sup>3</sup> AG, Aldo Scarpa<sup>3</sup> and Calogero Iacono<sup>1\*</sup>: A Novel Prognostic Score based on Serum Alpha-Fetoprotein, Number of Nodules, and MYC Gene Status Predicts Prognosis of Patients after Liver Resection for Hepatocellular Carcinoma. *J Integrative Oncology* 2016.
- [103] Amato E, Barbi S, Fassan M, Luchini C, Vicentini C, Brunelli M, Malleo G, Scarpa A, Malpeli G: RASSF1 tumor suppressor gene in pancreatic ductal adenocarcinoma: correlation of expression, chromosomal status and epigenetic changes. *BMC Cancer* 2016, 16:11.
- [104] Adami G, Rossini M, Gatti D, Orsolini G, Idolazzi L, Viapiana O, Scarpa A, Canalis E: Hajdu Cheney Syndrome; report of a novel NOTCH2 mutation and treatment with denosumab. *Bone* 2016, 92:150-6.

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