

# Nicola J Mccarthy

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

147  
papers

540  
citations

10  
h-index

17  
g-index

275  
ext. papers

583  
ext. citations

30.4  
avg, IF

4.7  
L-index

| #   | Paper  | IF   | Citations |
|-----|--|------|-----------|
| 147 | Metabonomics study of the effects of single copy mutant KRAS in the presence or absence of WT allele using human HCT116 isogenic cell lines. <i>Metabolomics</i> , <b>2021</b> , 17, 104               | 4.7  | 1         |
| 146 | Metabolic characterization of colorectal cancer cells harbouring different KRAS mutations in codon 12, 13, 61 and 146 using human SW48 isogenic cell lines. <i>Metabolomics</i> , <b>2020</b> , 16, 51 | 4.7  | 7         |
| 145 | Retroviral insertional mutagenesis implicates E3 ubiquitin ligase RNF168 in the control of cell proliferation and survival. <i>Bioscience Reports</i> , <b>2017</b> , 37,                              | 4.1  | 4         |
| 144 | Dual direction CRISPR transcriptional regulation screening uncovers gene networks driving drug resistance. <i>Scientific Reports</i> , <b>2017</b> , 7, 17693  | 4.9  | 29        |
| 143 | Increasing the performance of pooled CRISPR-Cas9 drop-out screening. <i>Scientific Reports</i> , <b>2016</b> , 6, 31782  | 4.9  | 21        |
| 142 | Inflammation: An innate response. <i>Nature Reviews Cancer</i> , <b>2015</b> , 15, 197   | 31.3 | 4         |
| 141 | Metabolism: Mutant BRAF feels the burn. <i>Nature Reviews Cancer</i> , <b>2015</b> , 15, 454-5   | 31.3 | 2         |
| 140 | Systems biology: MoA on DeMAND. <i>Nature Reviews Genetics</i> , <b>2015</b> , 16, 498-9   | 30.1 |           |
| 139 | Metabolism: Feed a cold, starve a tumour. <i>Nature Reviews Cancer</i> , <b>2015</b> , 15, 4-5   | 31.3 |           |
| 138 | Immunotherapy: Put your coat on!. <i>Nature Reviews Cancer</i> , <b>2015</b> , 15, 319   | 31.3 | 1         |
| 137 | Autophagy: Directed development. <i>Nature Reviews Cancer</i> , <b>2014</b> , 14, 74-5   | 31.3 | 17        |
| 136 | Bladder cancer: seemingly similar. <i>Nature Reviews Cancer</i> , <b>2014</b> , 14, 214-5  | 31.3 | 6         |
| 135 | Breast cancer: Hypoxia and XBP1S. <i>Nature Reviews Cancer</i> , <b>2014</b> , 14, 295   | 31.3 | 4         |
| 134 | Pancreatic cancer: spotlight on BRG1. <i>Nature Reviews Cancer</i> , <b>2014</b> , 14, 213   | 31.3 | 1         |
| 133 | Chromatin remodelling: looking vulnerable. <i>Nature Reviews Cancer</i> , <b>2014</b> , 14, 217  | 31.3 | 1         |
| 132 | Bladder cancer: finding the origin. <i>Nature Reviews Cancer</i> , <b>2014</b> , 14, 386-7   | 31.3 |           |
| 131 | Metastasis: understanding the prowess of mutant p53. <i>Nature Reviews Cancer</i> , <b>2014</b> , 14, 385  | 31.3 | 4         |

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|-----|--|-----|---|
| 130 | Drug resistance: making a point. <i>Nature Reviews Cancer</i> , <b>2014</b> , 14, 6                        | 313 | 2 |
| 129 | Cachexia: running on empty. <i>Nature Reviews Cancer</i> , <b>2014</b> , 14, 576                           | 313 | 2 |
| 128 | Epigenetics: prognosis based on commitment signature. <i>Nature Reviews Cancer</i> , <b>2014</b> , 14, 153 | 313 | 1 |
| 127 | Hypoxia: micro changes. <i>Nature Reviews Cancer</i> , <b>2014</b> , 14, 382-3                             | 313 | 2 |
| 126 | Tumour heterogeneity: the cancer kaleidoscope. <i>Nature Reviews Cancer</i> , <b>2014</b> , 14, 151-2      | 313 | 6 |
| 125 | Lung cancer: A surprising competitor. <i>Nature Reviews Cancer</i> , <b>2014</b> , 14, 73                  | 313 | 2 |
| 124 | Tumour microenvironment: losing your SPARC. <i>Nature Reviews Cancer</i> , <b>2014</b> , 14, 10-1          | 313 | 3 |
| 123 | Tumour suppressors: Master weaver regulates guardian. <i>Nature Reviews Cancer</i> , <b>2014</b> , 14, 295 | 313 | 4 |
| 122 | Rhabdomyosarcoma: flexibility could be important. <i>Nature Reviews Cancer</i> , <b>2014</b> , 14, 156-7   | 313 | 2 |
| 121 | Tumour microenvironment: more than just a mutagen. <i>Nature Reviews Cancer</i> , <b>2014</b> , 14, 213    | 313 | 1 |
| 120 | Therapeutics: Embracing instability. <i>Nature Reviews Cancer</i> , <b>2013</b> , 13, 521                  | 313 |   |
| 119 | Tumorigenesis: WNT branches out. <i>Nature Reviews Cancer</i> , <b>2013</b> , 13, 80                       | 313 | 1 |
| 118 | Metastasis: ADORA(2B)tion. <i>Nature Reviews Cancer</i> , <b>2013</b> , 13, 294-5                          | 313 | 1 |
| 117 | Metabolism: How sweet it is.... <i>Nature Reviews Cancer</i> , <b>2013</b> , 13, 605                       | 313 |   |
| 116 | Metastasis: Going places with VHL. <i>Nature Reviews Cancer</i> , <b>2013</b> , 13, 78                     | 313 |   |
| 115 | Glioblastoma: The histones have it. <i>Nature Reviews Cancer</i> , <b>2013</b> , 13, 294                   | 313 | 1 |
| 114 | Polarity: In the plane. <i>Nature Reviews Cancer</i> , <b>2013</b> , 13, 606-7                             | 313 |   |
| 113 | DNA damage: Running in parallel. <i>Nature Reviews Cancer</i> , <b>2013</b> , 13, 679                      | 313 |   |

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|-----|---|-----|----|
| 112 | Prostate cancer: understanding why. <i>Nature Reviews Cancer</i> , <b>2013</b> , 13, 754                  | 313 | 0  |
| 111 | Stem cells: As directed. <i>Nature Reviews Cancer</i> , <b>2013</b> , 13, 824                             | 313 | 1  |
| 110 | Epigenetics: WIP1 creates hush and havoc. <i>Nature Reviews Cancer</i> , <b>2013</b> , 13, 822            | 313 |    |
| 109 | Metabolism: Nuclear or cytoplasmic?. <i>Nature Reviews Cancer</i> , <b>2013</b> , 13, 822                 | 313 |    |
| 108 | Leukaemia: Knowing left from right. <i>Nature Reviews Cancer</i> , <b>2013</b> , 13, 220-1                | 313 | 4  |
| 107 | Signalling: Keeping TABs on p53. <i>Nature Reviews Cancer</i> , <b>2013</b> , 13, 682                     | 313 |    |
| 106 | Epigenetics: Showing a more sensitive side. <i>Nature Reviews Cancer</i> , <b>2013</b> , 13, 680          | 313 | 2  |
| 105 | Therapeutics: Disrupting a survival signal. <i>Nature Reviews Cancer</i> , <b>2013</b> , 13, 608-9        | 313 |    |
| 104 | Epigenetics: the long view. <i>Nature Reviews Cancer</i> , <b>2013</b> , 13, 76                           | 313 | 2  |
| 103 | Drug resistance: Time for mediation?. <i>Nature Reviews Cancer</i> , <b>2013</b> , 13, 6-7                | 313 |    |
| 102 | Ubiquitylation: Mediation by degradation. <i>Nature Reviews Cancer</i> , <b>2013</b> , 13, 146            | 313 | 1  |
| 101 | Tumorigenesis: All together now. <i>Nature Reviews Cancer</i> , <b>2013</b> , 13, 148                     | 313 | 21 |
| 100 | DNA damage: In at the beginning. <i>Nature Reviews Cancer</i> , <b>2013</b> , 13, 147                     | 313 |    |
| 99  | Melanoma: Horses for courses. <i>Nature Reviews Cancer</i> , <b>2013</b> , 13, 222                        | 313 | 1  |
| 98  | Leukaemia: Gimme shelter <i>Nature Reviews Cancer</i> , <b>2013</b> , 13, 297                             | 313 | 5  |
| 97  | Melanoma: More horses. <i>Nature Reviews Cancer</i> , <b>2013</b> , 13, 296-7                             | 313 |    |
| 96  | Signalling: YAP, PTEN and miR-29 size each other up. <i>Nature Reviews Cancer</i> , <b>2013</b> , 13, 4-5 | 313 | 3  |
| 95  | Lung cancer: Gastric giveaways. <i>Nature Reviews Cancer</i> , <b>2013</b> , 13, 291                      | 313 | 1  |

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|----|---|------|----|
| 94 | MicroRNA: lacking in maturity. <i>Nature Reviews Cancer</i> , <b>2013</b> , 13, 377                   | 31.3 | 3  |
| 93 | Prognostic models: rising to the challenge. <i>Nature Reviews Cancer</i> , <b>2013</b> , 13, 378      | 31.3 | 8  |
| 92 | Therapeutics: turnover. <i>Nature Reviews Cancer</i> , <b>2013</b> , 13, 380-1                        | 31.3 | 5  |
| 91 | Glioblastoma: histone mutations take the MYCN. <i>Nature Reviews Cancer</i> , <b>2013</b> , 13, 382-3 | 31.3 | 1  |
| 90 | Therapeutics: targeting an oncometabolite. <i>Nature Reviews Cancer</i> , <b>2013</b> , 13, 383       | 31.3 | 3  |
| 89 | Heterogeneity: A multidimensional overview. <i>Nature Reviews Cancer</i> , <b>2013</b> , 13, 439      | 31.3 | 3  |
| 88 | Cell death: A2B via p53. <i>Nature Reviews Cancer</i> , <b>2013</b> , 13, 440-1                       | 31.3 |    |
| 87 | Metabolism: a TIGAR tale. <i>Nature Reviews Cancer</i> , <b>2013</b> , 13, 522                        | 31.3 | 4  |
| 86 | Metabolism: Sensitivity to serine starvation. <i>Nature Reviews Cancer</i> , <b>2013</b> , 13, 77     | 31.3 | 2  |
| 85 | Leukaemia: Holding back. <i>Nature Reviews Cancer</i> , <b>2013</b> , 13, 224-5                       | 31.3 |    |
| 84 | Metastasis: Elf represses snail. <i>Nature Reviews Cancer</i> , <b>2012</b> , 12, 795                 | 31.3 |    |
| 83 | Lung cancer: radial targets. <i>Nature Reviews Cancer</i> , <b>2012</b> , 12, 373                     | 31.3 |    |
| 82 | Metabolism: unmasking an oncometabolite. <i>Nature Reviews Cancer</i> , <b>2012</b> , 12, 229         | 31.3 | 18 |
| 81 | Mitochondria: Getting together. <i>Nature Reviews Cancer</i> , <b>2012</b> , 12, 661                  | 31.3 | 1  |
| 80 | Anticancer drugs: Targeting menin. <i>Nature Reviews Drug Discovery</i> , <b>2012</b> , 11, 190       | 64.1 | 3  |
| 79 | The great pretenders. <i>Nature Reviews Cancer</i> , <b>2012</b> , 12, 506                            | 31.3 |    |
| 78 | Cancer stem cells: Tracing clones. <i>Nature Reviews Cancer</i> , <b>2012</b> , 12, 579               | 31.3 | 6  |
| 77 | Migration: VEGF suppresses invasion. <i>Nature Reviews Cancer</i> , <b>2012</b> , 12, 581             | 31.3 | 4  |

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| 76 | Metastasis: No sympathy?. <i>Nature Reviews Cancer</i> , <b>2012</b> , 12, 584-5                       | 31.3 |    |
| 75 | Tumour heterogeneity: Darwin's finches. <i>Nature Reviews Cancer</i> , <b>2012</b> , 12, 317           | 31.3 | 4  |
| 74 | Immunotherapy: Unlicensed to kill. <i>Nature Reviews Immunology</i> , <b>2012</b> , 12, 682-3          | 36.5 |    |
| 73 | Immunotherapy: Adapt and survive. <i>Nature Reviews Cancer</i> , <b>2012</b> , 12, 738-9               | 31.3 | 1  |
| 72 | Mitochondria: getting together. <i>Nature Reviews Molecular Cell Biology</i> , <b>2012</b> , 13, 604-5 | 48.7 | 1  |
| 71 | Proliferation: Multitasking. <i>Nature Reviews Cancer</i> , <b>2012</b> , 12, 660-1                    | 31.3 |    |
| 70 | Catching the X-waves. <i>Nature Reviews Cancer</i> , <b>2012</b> , 12, 510                             | 31.3 | 1  |
| 69 | Cell death. 1+1=2. <i>Nature Reviews Cancer</i> , <b>2012</b> , 12, 449                                | 31.3 | 2  |
| 68 | Cell cycle: a WEE pointer. <i>Nature Reviews Cancer</i> , <b>2012</b> , 12, 378-9                      | 31.3 | 2  |
| 67 | Epigenetics. Going places with BANCR. <i>Nature Reviews Cancer</i> , <b>2012</b> , 12, 451             | 31.3 | 16 |
| 66 | Genes, genes everywhere. <i>Nature Reviews Cancer</i> , <b>2012</b> , 12, 507                          | 31.3 | 1  |
| 65 | Breast cancer: divide and conquer?. <i>Nature Reviews Cancer</i> , <b>2012</b> , 12, 375               | 31.3 |    |
| 64 | Signalling: SRC and survival. <i>Nature Reviews Cancer</i> , <b>2012</b> , 12, 80-1                    | 31.3 | 4  |
| 63 | Retinoblastoma: Epigenetic outcome. <i>Nature Reviews Cancer</i> , <b>2012</b> , 12, 80                | 31.3 | 15 |
| 62 | Leaky effect. <i>Nature Reviews Cancer</i> , <b>2012</b> , 12, 157                                     | 31.3 | 4  |
| 61 | Targeting menin. <i>Nature Reviews Cancer</i> , <b>2012</b> , 12, 154                                  | 31.3 |    |
| 60 | Enforced compliance. <i>Nature Reviews Cancer</i> , <b>2012</b> , 12, 152                              | 31.3 | 2  |
| 59 | Metastasis: SIX1 of the best. <i>Nature Reviews Cancer</i> , <b>2012</b> , 12, 316                     | 31.3 | 3  |

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| 58 | Genomics: Viral vista. <i>Nature Reviews Cancer</i> , <b>2012</b> , 12, 582                       | 313 |   |
| 57 | Leukaemia: Adding e for survival. <i>Nature Reviews Cancer</i> , <b>2012</b> , 12, 230            | 313 | 2 |
| 56 | Tumorigenesis: Cut here for differentiation. <i>Nature Reviews Cancer</i> , <b>2012</b> , 12, 320 | 313 | 3 |
| 55 | Tumorigenesis. Better by half. <i>Nature Reviews Cancer</i> , <b>2012</b> , 12, 450-1             | 313 | 2 |
| 54 | Towards a mechanism. <i>Nature Reviews Cancer</i> , <b>2012</b> , 12, 510-1                       | 313 |   |
| 53 | Tumorigenesis: Megaphone MYC. <i>Nature Reviews Cancer</i> , <b>2012</b> , 12, 733                | 313 | 3 |
| 52 | Leukaemia: Early changes. <i>Nature Reviews Cancer</i> , <b>2012</b> , 12, 799                    | 313 |   |
| 51 | Immunotherapy: Unlicensed to kill. <i>Nature Reviews Cancer</i> , <b>2012</b> , 12, 658-9         | 313 |   |
| 50 | DNA damage: The enemy within. <i>Nature Reviews Cancer</i> , <b>2012</b> , 12, 734                | 313 |   |
| 49 | Tumorigenesis: Influencing those around you. <i>Nature Reviews Cancer</i> , <b>2012</b> , 12, 734 | 313 |   |
| 48 | Epigenetics: Worth another look?. <i>Nature Reviews Cancer</i> , <b>2011</b> , 12, 2              | 313 | 6 |
| 47 | Breast cancer: Staking a claim. <i>Nature Reviews Cancer</i> , <b>2011</b> , 12, 4                | 313 | 1 |
| 46 | Epigenetics. Layer by layer. <i>Nature Reviews Cancer</i> , <b>2011</b> , 11, 830                 | 313 | 1 |
| 45 | Tumour suppressors: Selective justice. <i>Nature Reviews Cancer</i> , <b>2011</b> , 11, 4         | 313 | 2 |
| 44 | Stem cells: Self-sufficient. <i>Nature Reviews Cancer</i> , <b>2011</b> , 11, 6                   | 313 |   |
| 43 | Medulloblastoma: origins. <i>Nature Reviews Cancer</i> , <b>2011</b> , 11, 80                     | 313 |   |
| 42 | Signalling: REX rules. <i>Nature Reviews Cancer</i> , <b>2011</b> , 11, 83                        | 313 | 4 |
| 41 | Autophagy: limiting factors. <i>Nature Reviews Cancer</i> , <b>2011</b> , 11, 313                 | 313 | 2 |

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| 40 | Immunology: bad company. <i>Nature Reviews Cancer</i> , <b>2011</b> , 11, 311   | 31.3 |   |
| 39 | Tumour microenvironment: target practice. <i>Nature Reviews Cancer</i> , <b>2011</b> , 11, 315                          | 31.3 | 3 |
| 38 | Leukaemia: Now get out of that. <i>Nature Reviews Cancer</i> , <b>2011</b> , 11, 388                                    | 31.3 |   |
| 37 | Prostate cancer: Studying the classics. <i>Nature Reviews Cancer</i> , <b>2011</b> , 11, 386                            | 31.3 | 4 |
| 36 | Tumour suppression: Shedding light on degradation. <i>Nature Reviews Cancer</i> , <b>2011</b> , 11, 466                 | 31.3 |   |
| 35 | Systems biology: Lethal weaknesses. <i>Nature Reviews Cancer</i> , <b>2011</b> , 11, 538-9                              | 31.3 | 3 |
| 34 | Nanotechnology: Tag teams. <i>Nature Reviews Cancer</i> , <b>2011</b> , 11, 537   | 31.3 | 1 |
| 33 | Tumorigenesis: oncogene detox programme. <i>Nature Reviews Cancer</i> , <b>2011</b> , 11, 622-3                         | 31.3 | 7 |
| 32 | Chromosomal instability: a lack of new origins drives fragility. <i>Nature Reviews Cancer</i> , <b>2011</b> , 11, 626-7 | 31.3 |   |
| 31 | That's the theory. <i>Nature Reviews Cancer</i> , <b>2011</b> , 11, 691   | 31.3 | 2 |
| 30 | Haem is where the heart is. <i>Nature Reviews Cancer</i> , <b>2011</b> , 11, 692  | 31.3 |   |
| 29 | Tumour suppressors: Silencing heterochromatin. <i>Nature Reviews Cancer</i> , <b>2011</b> , 11, 760                     | 31.3 | 1 |
| 28 | Tumour suppressors: HOTS makes antisense. <i>Nature Reviews Cancer</i> , <b>2011</b> , 11, 758                          | 31.3 | 3 |
| 27 | Kidney tumours. SNRF said. <i>Nature Reviews Cancer</i> , <b>2011</b> , 11, 833   | 31.3 |   |
| 26 | Anticancer drugs: Now get out of that. <i>Nature Reviews Drug Discovery</i> , <b>2011</b> , 10, 414-5                   | 64.1 |   |
| 25 | Regulatory RNA: layer by layer. <i>Nature Reviews Genetics</i> , <b>2011</b> , 12, 804                                  | 30.1 | 9 |
| 24 | Tumour immunology: Early exposure is inflammatory. <i>Nature Reviews Immunology</i> , <b>2011</b> , 11, 157             | 36.5 |   |
| 23 | Tumour immunology: bad company. <i>Nature Reviews Immunology</i> , <b>2011</b> , 11, 303                                | 36.5 |   |

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|----|---|------|----|
| 22 | Neuroendocrinology: Housing conditions affect tumour growth. <i>Nature Reviews Neuroscience</i> , <b>2010</b> , 11, 613 | 13.5 |    |
| 21 | Tumour suppression: Double act. <i>Nature Reviews Cancer</i> , <b>2010</b> , 10, 382                                    | 31.3 |    |
| 20 | Signalling: Regulation and crosstalk. <i>Nature Reviews Cancer</i> , <b>2010</b> , 10, 386                              | 31.3 | 5  |
| 19 | Pushing on through. <i>Nature Reviews Cancer</i> , <b>2010</b> , 10, 452  | 31.3 | 1  |
| 18 | DNA damage: "Curiouser and curiouser!" cried Alice. <i>Nature Reviews Cancer</i> , <b>2010</b> , 10, 532-3              | 31.3 |    |
| 17 | Leukaemia: MLL makes friends and influences. <i>Nature Reviews Cancer</i> , <b>2010</b> , 10, 529                       | 31.3 | 7  |
| 16 | Cell polarity: ASPP2 gets a polarity complex. <i>Nature Reviews Cancer</i> , <b>2010</b> , 10, 528                      | 31.3 | 3  |
| 15 | Genomics: A broad brush. <i>Nature Reviews Cancer</i> , <b>2010</b> , 10, 600   | 31.3 |    |
| 14 | Metastasis: Twisting BMI1. <i>Nature Reviews Cancer</i> , <b>2010</b> , 10, 666   | 31.3 | 4  |
| 13 | Immunology: In need of a boost?. <i>Nature Reviews Cancer</i> , <b>2010</b> , 10, 742                                   | 31.3 |    |
| 12 | Tumour suppression: Ejector seat. <i>Nature Reviews Cancer</i> , <b>2010</b> , 10, 739                                  | 31.3 |    |
| 11 | Stem cells: Out for the count. <i>Nature Reviews Cancer</i> , <b>2010</b> , 10, 742                                     | 31.3 |    |
| 10 | Finding your inner activator. <i>Nature Reviews Cancer</i> , <b>2010</b> , 10, 812                                      | 31.3 | 3  |
| 9  | The ARTS of cell death. <i>Nature Reviews Cancer</i> , <b>2010</b> , 10, 816  | 31.3 | 1  |
| 8  | Anticancer drugs: RAF complexities spark caution. <i>Nature Reviews Drug Discovery</i> , <b>2010</b> , 9, 271           | 64.1 |    |
| 7  | Cancer: Small losses, big gains with microRNAs. <i>Nature Reviews Genetics</i> , <b>2010</b> , 11, 8                    | 30.1 | 10 |
| 6  | Cell signalling: Regulation and crosstalk. <i>Nature Reviews Molecular Cell Biology</i> , <b>2010</b> , 11, 390         | 48.7 | 7  |
| 5  | Metastasis: Influencing bad behaviour. <i>Nature Reviews Cancer</i> , <b>2009</b> , 9, 609                              | 31.3 | 9  |

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|---|--|------|----|
| 4 | Metastasis: Route master. <i>Nature Reviews Cancer</i> , <b>2009</b> , 9, 610  | 31.3 | 3  |
| 3 | Tumorigenesis: Replicating recurrence. <i>Nature Reviews Cancer</i> , <b>2009</b> , 9, 613   | 31.3 | 1  |
| 2 | Interferon-gamma induces Fas trafficking and sensitization to apoptosis in vascular smooth muscle cells via a PI3K- and Akt-dependent mechanism. <i>American Journal of Pathology</i> , <b>2006</b> , 168, 2054-63 | 5.8  | 74 |
| 1 | Isolation of genes controlling apoptosis through their effects on cell survival. <i>Gene Therapy and Molecular Biology</i> , <b>2006</b> , 10, 255-262   |      | 18 |