



## Laura Attardi

Professor of Radiation Oncology (Radiation and Cancer Biology) and of Genetics  
Radiation Oncology - Radiation and Cancer Biology

 Curriculum Vitae available Online

### Bio

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#### ACADEMIC APPOINTMENTS

- Professor, Radiation Oncology - Radiation and Cancer Biology
- Professor, Genetics
- Member, Bio-X
- Member, Maternal & Child Health Research Institute (MCHRI)
- Member, Stanford Cancer Institute

#### LINKS

- My Lab Site: <http://www.med.stanford.edu/attardilab.html>

### Research & Scholarship

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#### CURRENT RESEARCH AND SCHOLARLY INTERESTS

The observations that the p53 gene is mutated in at least half of all human cancers of a wide variety of types and that p53 null mice develop cancer at 100% frequency together underscore the critical role for p53 in tumor suppression. Wild-type p53 is a cellular stress sensor, responding to diverse insults such as DNA damage, hyperproliferative signals, and hypoxia by inducing growth arrest or apoptosis, responses thought to be important to tumor suppression. At the molecular level, p53 acts a transcription factor that activates gene expression programs to induce these different responses. Interestingly, in its capacity as a cellular stress sensor, p53 also plays physiological roles beyond tumor suppression as well as causing certain pathological effects. For example, p53 plays beneficial roles such as promoting fertility, and can promote detrimental phenotypes in certain situations such as the side effects of cancer therapies or developmental diseases. The overarching goal of our research is to better define the mechanisms by which the p53 protein promotes different responses in different settings, ranging from tumor suppression to responses to chemotherapeutics, using the mouse as an in vivo model system, with the ultimate goal of gaining insight that may facilitate clinical advances in diagnosis, prognostication and therapy. We utilize a combination of mouse genetic, cell biological, biochemical, and genomic approaches to address understand how p53 acts mechanistically. We hope to decipher the transcriptional networks responsible for mediating p53 functions in different contexts, an understanding that will help us understand how to best promote the beneficial and minimize the detrimental effects of p53 in the clinic.

We have a number of specific areas of investigation, which include:

\* Defining the transcriptional networks responsible for tumor suppression, using CRISPR/Cas9 and shRNA high-throughput genetic screening approaches

\* Identifying p53-interacting partners by mass spectrometry approaches

\* Elucidating the genes activated and repressed by p53 in diverse settings using genomic technologies such as ChIP-sequencing and RNA-sequencing, to understand how p53 drives different responses

\* Identifying p53 inhibitors to find strategies to suppress the detrimental effects of p53 activation, such as during cancer therapy

\* Understanding p53's role in developmental diseases such as CHARGE syndrome

\* Characterizing p53-regulated noncoding RNAs and their roles in cancer

\* Examining mechanisms of p53 gain-of-function properties in cancer

## Teaching

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### COURSES

#### 2019-20

- Cancer Biology Journal Club: CBIO 280 (Aut)
- Lecture Seminar Series in Cancer Biology Program: CBIO 245 (Aut, Win, Spr)

#### 2018-19

- Cancer Biology Journal Club: CBIO 280 (Aut)
- Lecture Seminar Series in Cancer Biology Program: CBIO 245 (Aut, Win, Spr)

#### 2017-18

- Cancer Biology Journal Club: CBIO 280 (Aut)
- Lecture Seminar Series in Cancer Biology Program: CBIO 245 (Aut, Win, Spr)

#### 2016-17

- Lecture Seminar Series in Cancer Biology Program: CBIO 245 (Aut, Win, Spr)

### STANFORD ADVISEES

#### Doctoral Dissertation Reader (AC)

Andrea Chaikovsky, Alex Colville, Julia Garcia, Caitlin Roake, Makeda Robinson

#### Postdoctoral Faculty Sponsor

Elizabeth Valente, Mengxiong Wang

#### Doctoral Dissertation Advisor (AC)

Tony Boutelle, Brittany Flowers, Kathryn Hanson, Alyssa Kaiser, Edel McCrea

#### Doctoral Dissertation Co-Advisor (AC)

Amy Tarangelo

#### Postdoctoral Research Mentor

Elizabeth Valente

## GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Cancer Biology (Phd Program)
- Genetics (Phd Program)

## Publications

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### PUBLICATIONS

- **The Spatiotemporal Pattern and Intensity of p53 Activation Dictates Phenotypic Diversity in p53-Driven Developmental Syndromes.** *Developmental cell*  
Bowen, M. E., McClendon, J., Long, H. K., Sorayya, A., Van Nostrand, J. L., Wysocka, J., Attardi, L. D.  
2019
- **Genome Edited Human Hematopoietic Stem Cells Correct Lysosomal Storage Disorders: Proof-of-Concept and Safety Studies for Mucopolysaccharidosis Type I and Gaucher Disease**  
Gomez-Ospina, N., Scharenberg, S., Mostrel, N., Raj, N., Attardi, L., Khan, S., Tomatsu, S., Lee, C., Bao, G., Porteus, M. H.  
CELL PRESS.2019: 329
- **The role of p53 in developmental syndromes** *JOURNAL OF MOLECULAR CELL BIOLOGY*  
Bowen, M. E., Attardi, L. D.  
2019; 11 (3): 200–211
- **The role of p53 in developmental syndromes.** *Journal of molecular cell biology*  
Bowen, M. E., Attardi, L. D.  
2019
- **Human genome-edited hematopoietic stem cells phenotypically correct Mucopolysaccharidosis type I.** *Nature communications*  
Gomez-Ospina, N., Scharenberg, S. G., Mostrel, N., Bak, R. O., Mantri, S., Quadros, R. M., Gurumurthy, C. B., Lee, C., Bao, G., Suarez, C. J., Khan, S., Sawamoto, K., Tomatsu, et al  
2019; 10 (1): 4045
- **Siva plays a critical role in mouse embryonic development.** *Cell death and differentiation*  
Jacobs, S. B., Van Nostrand, J. L., Bowen, M. E., Baker, J. C., Attardi, L. D.  
2019
- **Single Cell Transcriptomics Reveals Abnormalities in Neurosensory Patterning of the Chd7 Mutant Mouse Ear** *FRONTIERS IN GENETICS*  
Durruthy-Durruthy, R., Sperry, E. D., Bowen, M. E., Attardi, L. D., Heller, S., Martin, D. M.  
2018; 9
- **Mutations in PERP Cause Dominant and Recessive Keratoderma.** *The Journal of investigative dermatology*  
Duchatelet, S., Boyden, L. M., Ishida-Yamamoto, A., Zhou, J., Guibbal, L., Hu, R., Lim, Y. H., Bole-Feysot, C., Nitschke, P., Santos-Simarro, F., de Lucas, R., Milstone, L. M., Goldenstein, et al  
2018
- **Neat-en-ing up our understanding of p53 pathways in tumor suppression.** *Cell cycle (Georgetown, Tex.)*  
Mello, S. S., Attardi, L. D.  
2018
- **Understanding the role of the tumor suppressor p53 in pancreatic cancer development.**  
Flowers, B. M., Garcia, P. B., Gruner, B. M., Winslow, M. M., Attardi, L. D.  
AMER ASSOC CANCER RESEARCH.2018: 44–45
- **Deconstructing p53 pathways in tumor suppression.**  
Mello, S., Biegging-Rolett, K., Kaiser, A., Valente, E., Raj, N., McClendon, J., Flowers, B., Morgens, D., Bassik, M., Attardi, L.  
AMER ASSOC CANCER RESEARCH.2018: 17
- **Deciphering p53 signaling in tumor suppression** *CURRENT OPINION IN CELL BIOLOGY*  
Mello, S. S., Attardi, L. D.  
2018; 51: 65–72

- **Tissue-selective effects of nucleolar stress and rDNA damage in developmental disorders** *NATURE*  
Calo, E., Gu, B., Bowen, M. E., Aryan, F., Zalc, A., Liang, J., Flynn, R. A., Swigut, T., Chang, H. Y., Attardi, L. D., Wysocka, J.  
2018; 554 (7690): 112-+
- **p53 Suppresses Metabolic Stress-Induced Ferroptosis in Cancer Cells** *CELL REPORTS*  
Tarangelo, A., Magtanong, L., Biegging-Rolet, K. T., Li, Y., Ye, J., Attardi, L. D., Dixon, S. J.  
2018; 22 (3): 569-75
- **Deconstructing networks of p53-mediated tumor suppression in vivo** *CELL DEATH AND DIFFERENTIATION*  
Kaiser, A. M., Attardi, L. D.  
2018; 25 (1): 93-103
- **Single Cell Transcriptomics Reveal Abnormalities in Neurosensory Patterning of the Chd7 Mutant Mouse Ear.** *Frontiers in genetics*  
Durruthy-Durruthy, R., Sperry, E. D., Bowen, M. E., Attardi, L. D., Heller, S., Martin, D. M.  
2018; 9: 473
- **Loss of PERP p53/p63 target gene may indicate tumorigenesis at the margin and local recurrence**  
Simmons, A., Kong, C., von Eyben, R., Attardi, L., Ma, X., Quynh-Thu Le, Nathan, C.  
AMER ASSOC CANCER RESEARCH.2017
- **Essential role for centromeric factors following p53 loss and oncogenic transformation** *GENES & DEVELOPMENT*  
Filipescu, D., Naughtin, M., Podsypanina, K., Lejour, V., Wilson, L., Gurard-Levin, Z. A., Orsi, G. A., Simeonova, I., Toufekchan, E., Attardi, L. D., Toledo, F., Almouzni, G.  
2017; 31 (5): 463-480
- **The p53 family members have distinct roles during mammalian embryonic development.** *Cell death and differentiation*  
Van Nostrand, J. L., Bowen, M. E., Vogel, H., Barna, M., Attardi, L. D.  
2017
- **The Transactivation Domains of the p53 Protein.** *Cold Spring Harbor perspectives in medicine*  
Raj, N., Attardi, L. D.  
2017; 7 (1)
- **Neat1 is a p53-inducible lincRNA essential for transformation suppression.** *Genes & development*  
Mello, S. S., Sinow, C., Raj, N., Mazur, P. K., Biegging-Rolet, K., Broz, D. K., Imam, J. F., Vogel, H., Wood, L. D., Sage, J., Hirose, T., Nakagawa, S., Rinn, et al  
2017; 31 (11): 1095-1108
- **A p53 Super-tumor Suppressor Reveals a Tumor Suppressive p53-Ptpn14-Yap Axis in Pancreatic Cancer.** *Cancer cell*  
Mello, S. S., Valente, L. J., Raj, N., Seoane, J. A., Flowers, B. M., McClendon, J., Biegging-Rolet, K. T., Lee, J., Ivanochko, D., Kozak, M. M., Chang, D. T., Longacre, T. A., Koong, et al  
2017; 32 (4): 460-73.e6
- **ErbB2-dependent downregulation of a pro-apoptotic protein Perp is required for oncogenic transformation of breast epithelial cells.** *Oncogene*  
Khan, I. A., Yoo, B. H., Masson, O., Baron, S., CORKERY, D., Dellaire, G., Attardi, L. D., ROSEN, K. V.  
2016; 35 (44): 5759-5769
- **An inducible long noncoding RNA amplifies DNA damage signaling.** *Nature genetics*  
Schmitt, A. M., Garcia, J. T., Hung, T., Flynn, R. A., Shen, Y., Qu, K., Payumo, A. Y., Peres-da-Silva, A., Broz, D. K., Baum, R., Guo, S., Chen, J. K., Attardi, et al  
2016; 48 (11): 1370-1376
- **p19(Arf) is required for the cellular response to chronic DNA damage.** *Oncogene*  
Biegging-Rolet, K. T., Johnson, T. M., Brady, C. A., Beaudry, V. G., Pathak, N., Han, S., Attardi, L. D.  
2016; 35 (33): 4414-4421
- **p73 and FoxJ1: Programming Multiciliated Epithelia** *TRENDS IN CELL BIOLOGY*  
Jackson, P. K., Attardi, L. D.  
2016; 26 (4): 239-40
- **Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition)** *AUTOPHAGY*

- Klionsky, D. J., Abdelmohsen, K., Abe, A., Abedin, M. J., Abeliovich, H., Arozena, A. A., Adachi, H., Adams, C. M., Adams, P. D., Adeli, K., Adihetty, P. J., Adler, S. G., Agam, et al  
2016; 12 (1): 1-222
- **Combined inhibition of BET family proteins and histone deacetylases as a potential epigenetics-based therapy for pancreatic ductal adenocarcinoma.** *Nature medicine*  
Mazur, P. K., Herner, A., Mello, S. S., Wirth, M., Hausmann, S., Sánchez-Rivera, F. J., Lofgren, S. M., Kuschma, T., Hahn, S. A., Vangala, D., Trajkovic-Arsic, M., Gupta, A., Heid, et al  
2015; 21 (10): 1163-1171
  - **Combined inhibition of BET family proteins and histone deacetylases as a potential epigenetics-based therapy for pancreatic ductal adenocarcinoma** *NATURE MEDICINE*  
Mazur, P. K., Herner, A., Mello, S. S., Wirth, M., Hausmann, S., Sanchez-Rivera, F. J., Lofgren, S. M., Kuschma, T., Hahn, S. A., Vangala, D., Trajkovic-Arsic, M., Gupta, A., Heid, et al  
2015; 21 (10): 1163-?
  - **The p53 Target Gene SIVA Enables Non-Small Cell Lung Cancer Development.** *Cancer discovery*  
Van Nostrand, J. L., Brisac, A., Mello, S. S., Jacobs, S. B., Luong, R., Attardi, L. D.  
2015; 5 (6): 622-635
  - **Integrative genomic analysis reveals widespread enhancer regulation by p53 in response to DNA damage** *NUCLEIC ACIDS RESEARCH*  
Younger, S. T., Kenzelmann-Broz, D., Jung, H., Attardi, L. D., Rinn, J. L.  
2015; 43 (9): 4447-4462
  - **Cancer: A piece of the p53 puzzle.** *Nature*  
Biegging, K. T., Attardi, L. D.  
2015; 520 (7545): 37-38
  - **p53 suppresses muscle differentiation at the myogenin step in response to genotoxic stress** *CELL DEATH AND DIFFERENTIATION*  
Yang, Z. J., Broz, D. K., Noderer, W. L., Ferreira, J. P., Overton, K. W., Spencer, S. L., Meyer, T., Tapscott, S. J., Attardi, L. D., Wang, C. L.  
2015; 22 (4): 560-573
  - **Analysis of p53 Transactivation Domain Mutants Reveals Acad11 as a Metabolic Target Important for p53 Pro-Survival Function.** *Cell reports*  
Jiang, D., Lagory, E. L., Kenzelmann Brož, D., Biegging, K. T., Brady, C. A., Link, N., Abrams, J. M., Giaccia, A. J., Attardi, L. D.  
2015; 10 (7): 1096-1109
  - **Analysis of p53 Transactivation Domain Mutants Reveals Acad11 as a Metabolic Target Important for p53 Pro-Survival Function** *CELL REPORTS*  
Jiang, D., Lagory, E. L., Broz, D. K., Biegging, K. T., Brady, C. A., Link, N., Abrams, J. M., Giaccia, A. J., Attardi, L. D.  
2015; 10 (7): 1096-1109
  - **Guilty as CHARGED: p53's expanding role in disease** *CELL CYCLE*  
Van Nostrand, J. L., Attardi, L. D.  
2014; 13 (24): 3798-3807
  - **Inappropriate p53 activation during development induces features of CHARGE syndrome** *NATURE*  
Van Nostrand, J. L., Brady, C. A., Jung, H., Fuentes, D. R., Kozak, M. M., Johnson, T. M., Lin, C., Lin, C., Swiderski, D. L., Vogel, H., Bernstein, J. A., Attié-Bitach, T., Chang, et al  
2014; 514 (7521): 228-?
  - **Inappropriate p53 activation during development induces features of CHARGE syndrome.** *Nature*  
Van Nostrand, J. L., Brady, C. A., Jung, H., Fuentes, D. R., Kozak, M. M., Johnson, T. M., Lin, C., Lin, C., Swiderski, D. L., Vogel, H., Bernstein, J. A., Attié-Bitach, T., Chang, et al  
2014; 514 (7521): 228-232
  - **Oncogenic transformation of diverse gastrointestinal tissues in primary organoid culture** *NATURE MEDICINE*  
Li, X., Nadauld, L., Ootani, A., Corney, D. C., Pai, R. K., Gevaert, O., Cantrell, M. A., Rack, P. G., Neal, J. T., Chan, C. W., Yeung, T., Gong, X., Yuan, et al  
2014; 20 (7): 769-777
  - **Unravelling mechanisms of p53-mediated tumour suppression** *NATURE REVIEWS CANCER*  
Biegging, K. T., Mello, S. S., Attardi, L. D.  
2014; 14 (5): 359-370

- **Illuminating p53 function in cancer with genetically engineered mouse models** *SEMINARS IN CELL & DEVELOPMENTAL BIOLOGY*  
Garcia, P. B., Attardi, L. D.  
2014; 27: 74-85
- **Illuminating p53 function in cancer with genetically engineered mouse models.** *Seminars in cell & developmental biology*  
Garcia, P. B., Attardi, L. D.  
2014; 27: 74-85
- **Oncogenic transformation of diverse gastrointestinal tissues in primary organoid culture.** *Nature medicine*  
Li, X., Nadauld, L., Ootani, A., Corney, D. C., Pai, R. K., Gevaert, O., Cantrell, M. A., Rack, P. G., Neal, J. T., Chan, C. W., Yeung, T., Gong, X., Yuan, et al  
2014
- **Deconstructing p53 pathways in vivo**  
Brady, C. A., Broz, D., Jiang, D., Mello, S., Bieging, K., Johnson, T. M., Jarvis, L. A., Kozak, M. M., Basak, S., Attardi, L. D.  
AMER ASSOC CANCER RESEARCH.2013
- **TRP53 activates a global autophagy program to promote tumor suppression.** *Autophagy*  
Kenzelmann Broz, D., Attardi, L. D.  
2013; 9 (9): 1440-1442
- **Not all p53 gain-of-function mutants are created equal.** *Cell death and differentiation*  
Mello, S. S., Attardi, L. D.  
2013; 20 (7): 855-857
- **Tumor suppression: p53 alters immune surveillance to restrain liver cancer.** *Current biology*  
Raj, N., Attardi, L. D.  
2013; 23 (12): R527-30
- **Engaging the p53 metabolic brake drives senescence.** *Cell research*  
Jiang, D., Attardi, L. D.  
2013; 23 (6): 739-740
- **Global genomic profiling reveals an extensive p53-regulated autophagy program contributing to key p53 responses** *GENES & DEVELOPMENT*  
Broz, D. K., Mello, S. S., Bieging, K. T., Jiang, D., Dusek, R. L., Brady, C. A., Sidow, A., Attardi, L. D.  
2013; 27 (9): 1016-1031
- **Global genomic profiling reveals an extensive p53-regulated autophagy program contributing to key p53 responses.** *Genes & development*  
Kenzelmann Broz, D., Spano Mello, S., Bieging, K. T., Jiang, D., Dusek, R. L., Brady, C. A., Sidow, A., Attardi, L. D.  
2013; 27 (9): 1016-1031
- **RB goes mitochondrial.** *Genes & development*  
Attardi, L. D., Sage, J.  
2013; 27 (9): 975-979
- **Loss of the p53/p63 target PERP is an early event in oral carcinogenesis and correlates with higher rate of local relapse.** *Oral surgery, oral medicine, oral pathology and oral radiology*  
Kong, C. S., Cao, H., Kwok, S., Nguyen, C. M., Jordan, R. C., Beaudry, V. G., Attardi, L. D., Le, Q.  
2013; 115 (1): 95-103
- **Loss of the p53/p63 target PERP is an early event in oral carcinogenesis and correlates with higher rate of local relapse** *ORAL SURGERY ORAL MEDICINE ORAL PATHOLOGY ORAL RADIOLOGY*  
Kong, C. S., Cao, H., Kwok, S., Nguyen, C. M., Jordan, R. C., Beaudry, V. G., Attardi, L. D., Quynh-Thu Le, Q. T.  
2013; 115 (1): 95-103
- **Unimpaired Skin Carcinogenesis in Desmoglein 3 Knockout Mice** *PLOS ONE*  
Baron, S., Anabel Hoang, A., Vogel, H., Attardi, L. D.  
2012; 7 (11)
- **Deconstructing p53 transcriptional networks in tumor suppression** *TRENDS IN CELL BIOLOGY*  
Bieging, K. T., Attardi, L. D.

2012; 22 (2): 97-106

- **Deficiency of the p53/p63 target Perp alters mammary gland homeostasis and promotes cancer** *BREAST CANCER RESEARCH*  
Dusek, R. L., Bascom, J. L., Vogel, H., Baron, S., Borowsky, A. D., Bissell, M. J., Attardi, L. D.  
2012; 14 (2)
- **Roles of p53 and pRB Tumor Suppressor Networks in Human Cancer: Insight from Studies in the Engineered Mouse** *GENETICALLY ENGINEERED MICE FOR CANCER RESEARCH: DESIGN, ANALYSIS, PATHWAYS, VALIDATION AND PRE-CLINICAL TESTING*  
Sage, J., Attardi, L., Van Dyke, T., Green, J. E., Ried, T.  
2012: 293–308
- **Full p53 transcriptional activation potential is dispensable for tumor suppression in diverse lineages** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Jiang, D., Brady, C. A., Johnson, T. M., Lee, E. Y., Park, E. J., Scott, M. P., Attardi, L. D.  
2011; 108 (41): 17123-17128
- **The pro-longevity gene FoxO3 is a direct target of the p53 tumor suppressor** *ONCOGENE*  
Renault, V. M., Thekkat, P. U., Hoang, K. L., WHITE, J. L., Brady, C. A., Broz, D. K., Venturelli, O. S., Johnson, T. M., Oskoui, P. R., Xuan, Z., Santo, E. E., Zhang, M. Q., Vogel, et al  
2011; 30 (29): 3207-3221
- **Distinct p53 Transcriptional Programs Dictate Acute DNA-Damage Responses and Tumor Suppression** *CELL*  
Brady, C. A., Jiang, D., Mello, S. S., Johnson, T. M., Jarvis, L. A., Kozak, M. M., Broz, D. K., Basak, S., Park, E. J., McLaughlin, M. E., Karnezis, A. N., Attardi, L. D.  
2011; 145 (4): 571-583
- **Desmosomes: new perpetrators in tumour suppression** *NATURE REVIEWS CANCER*  
Dusek, R. L., Attardi, L. D.  
2011; 11 (5): 317-323
- **PERP regulates enamel formation via effects on cell-cell adhesion and gene expression** *JOURNAL OF CELL SCIENCE*  
Jheon, A. H., Mostowfi, P., Snead, M. L., Ihrie, R. A., Sone, E., Pramparo, T., Attardi, L. D., Klein, O. D.  
2011; 124 (5): 745-754
- **Loss of the p53/p63 Regulated Desmosomal Protein Perp Promotes Tumorigenesis** *PLOS GENETICS*  
Beaudry, V. G., Jiang, D., Dusek, R. L., Park, E. J., Knezevich, S., Ridd, K., Vogel, H., Bastian, B. C., Attardi, L. D.  
2010; 6 (10)
- **A Large Intergenic Noncoding RNA Induced by p53 Mediates Global Gene Repression in the p53 Response** *CELL*  
Huarte, M., Guttman, M., Feldser, D., Garber, M., Koziol, M. J., Kenzelmann-Broz, D., Khalil, A. M., Zuk, O., Amit, I., Rabani, M., Attardi, L. D., Regev, A., Lander, et al  
2010; 142 (3): 409-419
- **p53 at a glance** *JOURNAL OF CELL SCIENCE*  
Brady, C. A., Attardi, L. D.  
2010; 123 (15): 2527-2532
- **In vivo analysis of p53 tumor suppressor function using genetically engineered mouse models** *CARCINOGENESIS*  
Broz, D. K., Attardi, L. D.  
2010; 31 (8): 1311-1318
- **Loss of the desmosomal component perp impairs wound healing in vivo.** *Dermatology research and practice*  
Beaudry, V. G., Ihrie, R. A., Jacobs, S. B., Nguyen, B., Pathak, N., Park, E., Attardi, L. D.  
2010; 2010: 759731-?
- **Lessons on p53 from Mouse Models** *MOLECULAR BIOLOGY INTELLIGENCE UNIT P53*  
Jiang, D., Attardi, L. D., Ayed, A., Hupp, T.  
2010: 19–35
- **Differential PERP Regulation by TP63 Mutants Provides Insight Into AEC Pathogenesis** *AMERICAN JOURNAL OF MEDICAL GENETICS PART A*  
Beaudry, V. G., Pathak, N., Koster, M. I., Attardi, L. D.

2009; 149A (9): 1952-1957

- **SKP-ing TAp63: Stem Cell Depletion, Senescence, and Premature Aging** *CELL STEM CELL*  
Beaudry, V. G., Attardi, L. D.  
2009; 5 (1): 1-2
- **Loss of the Desmosomal Protein Perp Enhances the Phenotypic Effects of Pemphigus Vulgaris Autoantibodies** *JOURNAL OF INVESTIGATIVE DERMATOLOGY*  
Nguyen, B., Dusek, R. L., Beaudry, V. G., Marinkovich, M. P., Attardi, L. D.  
2009; 129 (7): 1710-1718
- **Ribosomal mutations cause p53-mediated dark skin and pleiotropic effects** *NATURE GENETICS*  
McGowan, K. A., Li, J. Z., Park, C. Y., Beaudry, V., Tabor, H. K., Sabnis, A. J., Zhang, W., Fuchs, H., de Angelis, M. H., Myers, R. M., Attardi, L. D., Barsh, G. S.  
2008; 40 (8): 963-970
- **The metastasis-associated gene Prl-3 is a p53 target involved in cell-cycle regulation** *MOLECULAR CELL*  
Basak, S., Jacobs, S. B., Krieg, A. J., Pathak, N., Zeng, Q., Kaldis, P., Giaccia, A. J., Attardi, L. D.  
2008; 30 (3): 303-314
- **Genetics of dark skin: new genes, new pathways**  
Barsh, G., McGowan, K., van Raamsdonk, C., Attardi, L., Bastian, B.  
WILEY-BLACKWELL.2008: 248-48
- **Mutations in ribosomal proteins cause p53-mediated dark skin** *International Investigative Dermatology Meeting*  
McGowan, K., Li, J. Z., Beaudry, V., Tabor, H. K., Sabnis, A. J., Zhang, W., Fuchs, H., d'Angelis, M. H., Myers, R. M., Attardi, L. D., Barsh, G. S.  
NATURE PUBLISHING GROUP.2008: S110-S110
- **Knockin mice expressing a Chimeric p53 protein reveal mechanistic differences in how p53 triggers apoptosis and senescence** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Johnson, T. M., Meade, K., Pathak, N., Marques, M. R., Attardi, L. D.  
2008; 105 (4): 1215-1220
- **Siva is an apoptosis-selective p53 target gene important for neuronal cell death** *CELL DEATH AND DIFFERENTIATION*  
Jacobs, S. B., Basak, S., Murray, J. I., Pathak, N., Attardi, L. D.  
2007; 14 (7): 1374-1385
- **A healthy tan?** *New England journal of medicine*  
Barsh, G., Attardi, L. D.  
2007; 356 (21): 2208-2210
- **Dominant-negative but not gain-of-function effects of a p53.R270H mutation in mouse epithelium tissue after DNA damage** *CANCER RESEARCH*  
Wijnhoven, S. W., Speksnijder, E. N., Liu, X., Zwart, E., vanOostrom, C. T., Beems, R. B., Hoogervorst, E. M., Schaap, M. M., Attardi, L. D., Jacks, T., van Steeg, H., Jonkers, J., de Vries, et al  
2007; 67 (10): 4648-4656
- **P63, cell adhesion and survival** *CELL CYCLE*  
Carroll, D. K., Brugge, J. S., Attardi, L. D.  
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