Programs & Services Committee Budget Agenda

City of Newton
In City Council

Thursday, April 24, 2025

7:00 PM

Room 211

The Programs & Services Committee will hold this meeting as a hybrid meeting on Thursday, April 18, 2024 at 7:00 PM that the public may access in-person or virtually via Zoom. To attend this meeting via Zoom use this link: https://newtonma-gov.zoom.us/j/81297207970 or call 1-646-558-8656 and use the Meeting ID: 812 9720 7970.

You may also:

1. **Watch a live broadcast of the meeting on NewTV's government channel (Comcast 9, RCN 13, 614 (HD), Verizon 33).**
2. **View a live stream on NewTV's YouTube channel at: https://www.youtube.com/channel/UCQvNeCJkA3PftuLLvfAh3cQ**

Items scheduled for discussion:

#89-25 **Reappointment of Nathan Persampieri to the Commission on Disability**
HER HONOR THE MAYOR reappointing Nathan Persampieri, 108 Washington Park, Newtonville, as a member of the Commission on Disability for a term of office set to expire on May 31, 2028. (60 Days: June 21, 2025)

#90-25 **Reappointment of Stephen Logowitz to the Community Education Commission**
PRESIDENT LAREDO reappointing Stephen Logowitz, 391 Walnut Street, Newtonville, as a member of the Community Education Commission for a term of office to expire on May 5, 2027. (60 Days: 06/21/2025)

#91-25 **Reappointment of Harold W. Adams to the Community Education Commission**
PRESIDENT LAREDO reappointing Harold W. Adams, 47 Grafton Street, Newtonville, as a member of the Community Education Commission for a term of office to expire on May 5, 2027. (60 Days: 06/21/2025)

#92-25 **Reappointment of William Dietrich to the Biosafety Committee**
PRESIDENT LAREDO reappointing William Dietrich, 28 Osbourne Path, Newton, to the Biosafety Committee for a term to expire on May 5, 2028. (60 Days: 06/21/2025)

The location of this meeting is accessible and reasonable accommodations will be provided to persons with disabilities who require assistance. If you need a reasonable accommodation, please contact the city of Newton's ADA Coordinator, Jini Fairley, at least two business days in advance of the meeting: jfairley@newtonma.gov or (617) 796-1253. The city's TTY/TDD direct line is: 617-796-1089. For the Telecommunications Relay Service (TRS), please dial 711.

Please Note: *Budget materials can be found on the City's website at the following link:*
https://www.newtonma.gov/government/comptroller/budget

DEPARTMENT BUDGET & CIP DISCUSSIONS:
Information Technology
Historic Newton
Library
Parks, Recreation and Culture

Referred to Finance and Appropriate Committees

#351-24 **Submittal of the FY 2026 to FY 2030 Capital Improvement Plan**
HER HONOR THE MAYOR submitting the Fiscal Years 2026 to 2030 Capital Improvement Plan pursuant to section 5-3 of the Newton City Charter.

#81-25 **Submittal of the FY26 Municipal/School Operating Budget**
HER HONOR THE MAYOR submitting in accordance with Section 5-1 of the City of Newton Charter the FY26 Municipal/School Operating Budget, passage of which shall be concurrent with the FY26-FY30 Capital Improvement Program (#351-24).
EFFECTIVE DATE OF SUBMISSION 04/22/25; LAST DATE TO PASS THE BUDGET 06/06/25

#82-25 **Submittal of the FY2026 – FY2030 Supplemental Capital Improvement Plan**
HER HONOR THE MAYOR submitting the FY26 – FY30 Supplemental Capital Improvement Plan.

Respectfully submitted,
Josh Krintzman, Chair

#89-25

Ruthanne Fuller
Mayor

City of Newton, Massachusetts

Office of the Mayor

Telephone
(617) 796-1100
TDD/TTY
(617) 796-1089
Email
rfuller@newtonma.gov

March 31, 2025

Honorable City Council
Newton City Hall
1000 Commonwealth Avenue
Newton, MA 02459

To the Honorable City Councilors:

I am pleased to reappoint Nathan Persampieri of 108 Washington Park, Newtonville as a member of the Commission on Disability. Nathan Persampieri's term of office shall expire on May 31, 2028, and the appointment is subject to your confirmation.

Thank you for your attention to this matter.

Warmly,

Ruthanne Fuller

Ruthanne Fuller
Mayor

Newton, MA Boards & Commissions

Submit Date: Mar 07, 2025

Application Form

Profile

Nathan
First Name

E
Middle Initial

Persampieri
Last Name

[redacted]
Email Address

108 Washington Park
Home Address

Suite or Apt

Newtonville
City

MA
State

02460
Postal Code

What Ward do you live in?

☑ Ward 2

[redacted]
Primary Phone

Alternate Phone

Newton Public Schools
Employer

Contractor
Job Title

Which Boards would you like to apply for?

Commission on Disability: Submitted

Ethnicity

☑ Other

Gender

☑ Male

Interests & Experiences

Please tell us about yourself and why you want to serve.

Why are you interested in serving on a board or commission?

I would like to serve on the COD because, as a college graduate and a young person, I have a lot to offer. I am passionate about advocating for people with disabilities, and I want to see them more involved in the City. Disability can also be seen as an afterthought, and there needs to be more education and awareness.

Upload a Resume

#89-25

NATHAN PERSAMPIERI

Newton MA 02460 [redacted]

EDUCATION

Merrimack College; Andover MA — May 2024
Bachelor of Arts, Social Justice

Relevant Courses: Social Justice; College Writing; Communication and Advocacy; Persuasion and Social Influence

Extracurricular Involvements: Austin Scholars; Young Athletes Program; D'Youville; DREAM (disability rights); 2023 Orientation Leader; SGA Campus Infrastructure Committee Chair

Massachusetts Bay Community College; Wellesley Hills MA — May 2022
Associates in Arts: Liberal Arts major — GPA: 3.84

EXPERIENCE

Office of Congresswoman Lori Trahan, *Intern*, Lowell, MA — Sept 2023–Dec 2023
- Researching legislation and press clips, and answering constituent letters on various issues
- Responding to casework; and other administrative tasks as needed

Student Government Association, *Senator & Committee Chair*, Merrimack College — Sept 2022–Apr 2024
- Participate in the Diversity Committee focused on implementing DEI solutions on campus
- The Diversity Committee hosted an "Afro-Latina" night to explain more about their culture and food
- As Campus Infrastructure Committee Chair, I hold weekly meetings to bring up issues related to infrastructure on campus

***Volunteer/Advisory Board member*, Understanding Our Differences; Newton MA** — Jun 2018–Present
- Spoke about my experience as a disabled person to school districts across Massachusetts
- Assisted with the fall Annual Appeal to encourage donations from friends and neighbors
- Organized two panels at Newton high schools, "Beyond Kindness," to teach compassion skills

***Volunteer & Campaign Fellow* for Mayor and City Councilors; Newton MA** — Dec 2020–Nov 2021
- Worked on Mayor Ruthanne Fuller and two contested city councilors' campaigns
- Communicated via Slack; outreach via social media campaign; data analysis in Vote Builder; text banking and visibility events
- Co-hosted a 100-person "Conversation About Disabilities" with councilors running for election

SKILLS

- **Shared Google tools (Docs, Drive, etc.) and MS office**
- **Graphic design (Canva), and Web design (Weebly, Wix)**

HONORABLE AWARDS

- "College Matters. Alma Matters." podcast – interviewed by podcast author — January 2023
- Featured on Channel 4 News live from MassBay graduation due to my creation of a scholarship for disabled students - raised $8k — May 2022
  https://www.cbsnews.com/boston/news/massbay-community-college-grad-with-rare-disease-creates-scholarship-for-future-students
- "Patriots' Difference Maker" – awarded in person at New England Patriots game — January 2022

Résumé

#90-25

STEPHEN R. LOGOWITZ 391 Walnut Street, Unit 8 Newtonville, MA 02460 [redacted]

Education

1973 Yale University School of Art, Department of Graphic Design New Haven, CT (M.F.A.)
Studied with Walker Evans, Norman Ives, Herbert Matter, Christopher Pullman.

1970 Lake Forest College Lake Forest, IL (B.A. – honors)
Major: American Civilization; recipient of Oppenheimer Prize.

Professional Experience

1992- Founding Principal, Logowitz and Company Boston, MA
Design communications consultancy providing branding strategies, editorial services, print, web, exhibit and wayfinding graphic communications to numerous financial service organizations, architectural practices, educational and arts institutions. Extensive capital campaign, experience with schools, museums.

1975-92 Founding Principal, Logowitz + Moore Design Associates Boston, MA
Co-founded and managed a lively, diverse design practice serving museums, schools, publicly-held coporations and government agencies with all manner of identity and print communications assignments. Staff of 6-8 served clients as varied as AT&T, Harvard University, IBM, the Jet Propulsion Laboratory, Massachusetts General Hospital, MIT, Wellesley College, Wellington Management Company, Wells Fargo Bank, Fogg Art Museum and the Worcester Art Museum.

1973-75 Founding Principal, Stephen Logowitz Design Communications Boston, MA
General freelance design consulting to Harvard Business School, Harvard Graduate School of Design, Harvard News Office and Center for International Affairs.

1970-71 Graphic/exhibit designer, Boston Children's Museum Boston, MA
Provided graphic support to educators, developers and museum exhibit personnel.

Teaching Experience

2002-05 Visiting Critic, Rhode Island School of Design Providence, RI
Best practices seminars for fifth-year B.F.A. students; emphasis on presentation skills.

1978 Instructor, School of the Museum of Fine Arts Boston, MA
Co-taught graphic design curriculum for third-year students.

1976, '79 Design Adviser:
Simmons College Boston, MA (Publishing Procedures course);
Harvard College Cambridge, MA (Harvard Lampoon Centennial Edition)

Recognition

1976- Various design awards from AIGA ("Fifty Books"), American Museum Association, New England Museum Association, Council for Advancement and Support of Education (CASE), Craftsmen's Club of Boston, President's Award, Newton (MA) History Museum; other

Personal Interests

Amateur chamber musician; tennis player, kayaker; community volunteer

Other

Water Commissioner: 100-person community water supply, Haven Colony, Brooklin, ME

Board Service:

All Newton Music School Newton, MA
President, Board of Trustees; other board positions (various elected terms)

Boston Graduate School of Psychoanalysis Brookline, MA
Board member (1 elected term)

Castine Town Band Castine, ME
Board Member

Historic Newton (formerly, Jackson Homestead/Newton Historical Society) Newton, MA
Board member (2 elected terms)

Newton at Home Newton, MA
President, Board of Trustees; other board positions (various elected terms)

Society of Printers Boston, MA
Governing Council (2 elected terms)

Temple Sinai Brookline, MA
Board Member – Assistant Treasurer

Howard Goldberg (BHD)
Project Manager

Years of Experience
- 40+ years

Design Build Experience
- Route 79 Braga Bridge (Project Director)
- Hines Bridge Replacement (Project Director)

MBTA Experience
- Project Manager, State Street Station Rehabilitation ($66M)
- Government Center Station ($82M)

Education
- MS/Civil Engineering, Northeastern University, 1977
- BS/Civil Engineering, Northeastern University, 1973

Registrations/Certifications
- Professional Engineer, Massachusetts #29089

Howard Goldberg has over 40 years of experience in the project management, design and construction of a wide variety of small to large, simple to complex, public and private projects in diverse fields. Howard has been Involved in 12 Design/Build (D/B) projects with construction values in excess of $1.0 billion. He brings lessons learned and proven techniques to successfully deliver projects on time and on budget.

Prior to joining Barletta, Howard was in charge of the Quality, Assurance/Quality Control Program for the Contractor constructing the $385-mllllon, 21-mile MassDOT Route 3 North; the first D/B highway project in Massachusetts. During this three year period, he was involved with scheduling the construction of more than 75 individual steel and concrete bridge decks and the placement of nearly a million tons of asphalt paving.

Howard has managed multi-disciplinary teams of designers on complex projects, many of which had court ordered completion schedules. He has been involved in value engineering workshops, technical advisory groups and performed constructability reviews on numerous projects. He has supervised the construction on projects that were not designed under his direction and has been asked to review designs prepared by others.

MassDOT Route 79/I-195 Interchange & Braga Bridge Design-Build, Fall River MA ($228M)
The Route 79 project was one of MassDOT's 'mega projects' as part of their $3billion bridge rebuilding program. As Project Director, Howard was responsible for managing a multidiscipline team of design and construction personnel, overseeing the budget and schedule and serving as the liaison between the project team and MassDOT. The contract was for the design and reconstruction of the interchange of Route 79 and I-195; removal of the entire two-level Route 79 viaduct and nine associated highway ramps, construction of a new at-grade roadway system and intersections, the reconstruction/ rehabilitation of four bridges, and structural repairs of the Braga Bridge over the Taunton River and Route 79.

The project was completed seven months ahead of schedule and was the recipient of multiple awards, including the:
2017 Grand Conceptor Award
Awarded by American Council of Engineering
2016 Silver Award for Highway/Infrastructure
Awarded by Design-Build Institute of America – New England Region

MBTA Government Center Station ($82M)

Demolition and reconstruction of the subterranean transfer station between the Green and Blue subway lines originally constructed in 1897. Improvements include extensive renovations to both the Green Line and Blue Line tunnels and platforms, construction of a new station headhouse, entrance, lobbies and passenger facilities, new electrical, safety, ADA, mechanical and fare collection systems, and reconstruction of Cambridge Street and a portion of City Hall Plaza above the station.

MBTA Blue Line Rehabilitation, State Street Station, Boston, MA ($66M)

Howard served as BHD's Project Manager for the rehabilitation of the MBTA's Blue Line State Street Station, located in downtown Boston, in the midst of one of Boston's busiest intersections; containing such historic landmarks as the site of the 1770 Boston Massacre, and the circa 1713 Old State House, Boston's Freedom Trail directs hundreds of tourists through the area each day.
A major component of the project was the implementation of multiple comprehensive traffic staging and detour plans so that the flow of traffic in and out of this major intersection was not interrupted; all roadways and MBTA facilities were maintained open to the public during construction.
The project also required the design and installation of an elaborate earth support system in the midst of very constricted work zones adjacent to 40 story office buildings. The maintenance of vehicular, pedestrian and subway traffic necessitated limited day work; the majority being completed at night or on weekends. The work was completed in eight stages to minimize disruption to MBTA rapid transit service and to the surrounding area.
The demolition of 100 feet of tunnel outbound of the existing State Station, and construction of 100 feet of station walls, roof, inbound and outbound platforms and station finishes were completed while maintaining MBTA rapid transit service.

Derek S. Hines Movable Bridge Replacement Design- Build, Amesbury, MA ($34M)

The Hines Bridge project is located within a designated historic site, and the replacement bridge met the strict requirements of the Historical Commission. The MassDOT contract called for the complete design and replacement of the swing-span bridge, including the bridge structure and related roadway approaches. The project required the design and construction of scour countermeasures for the Merrimack River to protect the bridge abutments and piers. Most of the project work required working within the navigable channel to perform the demolition of the existing bridge and foundations and the installation of cofferdams, deep foundations, concrete and stone masonry abutments and piers, and the repair/rehabilitation of existing stone masonry abutments. As Project Director, Howard was responsible for managing a multidiscipline team of design and construction personnel, as well as coordinating multiple subcontractors and fabricators.

William Frank Dietrich
28 Osborne Path
Newton, MA 02459
[redacted]

Biographical Summary:

Dr. Dietrich is a driven Ph.D biologist with 20 years experience in academia and more than 10 years of leadership experience in the pharmaceutical industry. He has delivered creative and innovative results while working on large collaborative scientific problems such as the Genome Project, genetic deteminants of host susceptibility to infectious disease, and drug discovery—these results have taken the form of over 50 primary research publications, pharmacology data to support 6 distinct IND filings, and a patent application. He has successfully worked in hierarchical and matrixed organizations, and is comfortable with initiating and sustaining programs of change in complex organizations.

Title:	Executive Director, Discovery and Translational Pharmacology
Office:	Novartis Institutes for Biomedical Research Disease Area X (DAx) 181 Massachusetts Avenue, 7B.002.09.A Cambridge, MA 02139 [redacted]
Home Address :	28 Osborne Path Newton, MA 02459 [redacted]
Date of Birth:	September 10, 1965
Citizenship:	U.S.

Education:	Massachusetts Institute of Technology, Cambridge, MA (Ph.D in Biology, May 1993)
	Carnegie-Mellon University, Pittsburgh, PA (B.S. in Biological Sciences, June 1987)
Awards and Honors:	Investigator Award, Howard Hughes Medical Institute (1996-2005)
	Award for Mentoring from the PhD Program in Biological and Biomedical Sciences, Harvard Medical School (September, 2005)
	NIBR Team Award—SMA Team (March, 2014)
	NIBR Diversity and Inclusion Award—Leadership of CIVC Employee Resource Group and Pharmacology Council (April, 2014)
Volunteer Work:	Member, Newton Biosafety Committee (2014-present)

Research Positions:

Disease Area X (DAx), Novartis Institutes for Biomedical Research (NIBR)
Executive Director, Discovery and Translational Pharmacology, 2016-present
Director, Discovery and Translational Pharmacology (DTP), 2012-2016.

The mission of the DTP Group (currently 32 scientists, 21 in Cambridge, 11 in Basel) is to drive development of medicines for unmet medical needs that are not currently addressed by NIBR disease area strategy. This focused team is aimed at rodent genetic and pharmacology studies to validate and progress drug concepts into the clinic. We do this either by engaging with *de novo* drug discovery programs (D0 through PoC stages) or working to "repurpose" existing NIBR drug assets into use as therapies for additional diseases (D3 through PoC). The vast majority (90%) of our efforts go into programs that are at D3 and beyond. So far, this team has generated pharmacology and other data that supports 3 IND filings.

Developmental and Molecular Pathways, NIBR
Director, Exploratory Pharmacology, 2007-2011.

The major responsibilities of the Exploratory Pharmacology Unit (≈ 25 scientists split into 2 teams in Cambridge and Basel) were directed at using rodent genetics and pharmacology to address two major areas of equal emphasis: 1) supporting target validation and transition of early phase (D0 to D2b) drug discovery programs to our disease area partners for further development, and 2) driving drug discovery programs that are unaligned with disease area partners to the clinic (D0 to PoC). This team has delivered pharmacology data to support 2 IND filings.

Models of Disease Center, NIBR
Director, Mouse Genetics and Toxicology, 2006.

The major responsibilities of the Mouse Genetics and Toxicology Group (20 scientists located in Cambridge) were two-fold: 1) production of mouse models (genetic and otherwise) to support target identification, target validation, estimations of target safety, and efficacy testing of candidate drugs, 2) development of *in vivo* tumor models to support the efficacy testing of Oncology candidate drug compounds. In addition, a small part of my team studied the utility of using genetically diverse inbred mouse strains as an improved method for evaluating human safety of drug candidates.

Department of Genetics, Harvard Medical School
Associate Professor, 2002-2006.
Assistant Professor, 1996-2001.

My academic laboratory (average size ≈ 10 scientists) was primarily focused on the study of the genetics of mammalian host response to infectious disease. We identified and studied several genes involved in mouse susceptibility to intracellular pathogens and bacterial toxins. In addition to research support from HHMI, I served as PI on NIH grants AI043321, AI49987, and AI062827.

Center for Genome Research, Whitehead Institute
Research Scientist and Assistant Director, 1992-1995.

As team leader, 1) I directed a group of 7 scientists in the genome center's construction of complete physical and genetic maps for the mouse, 2) I investigated mouse models of cancer using the tools being developed at the genome center by identifying important germline and somatic genetic variants that may be critical in the onset of inherited colon cancer and spontaneous endocrine neoplasias, and 3) I studied the genetic basis of *Legionella pneumophila* susceptibility in inbred strains of mice.

Department of Biology, MIT and Whitehead Institute
Graduate Student, 1987-1992.

1990-1992: I worked on the development of the first complete genetic map of the mouse using highly polymorphic markers that can be analyzed using PCR. This constituted the foundation of the MIT Genome Center's genetic map of the mouse. I applied the map to study the quantitative genetics of mouse models of human disease. These projects included the mapping of genes involved in the inheritance of predisposition to colon cancer (in collaboration with W. Dove at the University of Wisconsin) and genes involved in the onset of type II diabetes (in collaboration with J. Friedman and R. Liebel at Rockefeller University). Advisor: Eric S. Lander.

1987-1989: I worked on projects relating to the development of tools for use in mouse genetics. The primary focus was the identification of species specific repetitive DNA families that could be used to rapidly clone genes in the mouse. Advisor: Hee-Sup Shin.

Department of Biological Sciences, Carnegie-Mellon University
Research Assistant, 1985-1987.

I worked as a synthetic chemist on projects to synthesize and characterize fluorogenic substrate analogs for Beta glucocerebrosidase; these substrate analogs were used to develop rapid assays for patients carrying the Gaucher's Disease allele. Advisor: Alan Waggoner.

Teaching Positions:

Harvard Medical School, Course Director and Lecturer: Genetics 201 (Graduate Course), 1999 – 2003.

Harvard Medical School, Lecturer: Genetics 201 (Graduate Course), 1997 – 1998.

MIT Teaching Assistant: Gene Expression (Graduate Course), Spring, 1991.

MIT Teaching Assistant: Introductory Course in Laboratory Techniques in Biology (Undergraduate Course), Spring, 1989.

Primary Research Publications

Gapp, B., M. Jourdain, P. Bringer, B. Kueng, D. Weber, A. Osmont, S. Zurbruegg, J. Knehr, R. Falchetto, G. Roma, W. Dietrich, R. Valdez, N. Beckmann, F. Nigsch, A. J. Sanyal, and I. Ksiazek. 2019. "FXR agonism, ACC inhibition and back translation of clinically observed endpoints of de novo lipogenesis in a murine NASH model." **Hepatology Comm.,** in press.

E. D. Hernandez, L. Zheng, Y. Kim, B. Fang, B. Liu, R. A. Valdez, W. F. Dietrich, P. V. Rucker, D. Chianelli, J. Schmeits, D. Bao, J. Zoll, C. Dubois, G.C. Federe, L. Chen, S. B. Joseph, L. B. Klickstein, J. Walker, V. Molteni, P. McNamara, S. Meeusen, D. C. Tully, M. K. Badman, J. Xu, and B. Laffitte. 2019. "Tropifexor-mediated abrogation of steatohepatitis and fibrosis is associated with anti-oxidative gene expression profile in rodents." **Hepatology Comm.**, 3: 1085-1097.

Cheung, A. K., B. Hurley, R. Kerrigan, L. Shu, D. N. Chin, Y. Shen, G. O'Brien, M. Sung, Y. Hou, J. Axford, E. Cody, R. Sun, A. Fazal, R. Tomlinson, M. Jain, L. Deng, K. Hoffmaster, C. Song, M. Van Hoosear, Y. Shin, R. Servais, C. S. Towler, M. Hild, D. Curtis, W. F. Dietrich, L. S. Hamann, K. Briner, K. S. Chen, D. Kobyashi, R. Sivasankaran, and N. A. Dales. 2018. "Discovery of small molecule splicing modulators of survival motor neuron-2 (SMN2) for the treatment of Spinal Muscular Atrophy (SMA)." **J. Med. Chem.**, 10.1021/acs.jmedchem.8b01291.

Kim, M., L. von Muenchow, T. Le Meur, B. Kueng, B. Gapp, D. Weber, W. Dietrich, J. Kovarik, A. G. Rolink, I. Ksiazek. 2018. "DPP9 enzymatic activity in hematopoietic cells is dispensable for mouse hematopoiesis." **Immunol. Lett.**, 198: 60-65.

Kim, M., M. Minoux, A. Piaia, B. Kueng, B. Gapp, D. Weber, C. Haller, S. Barbieri, K. Namoto, T. Lorenz, J. Wirsching, F. Bassilana, W. Dietrich, F. M. Rijli, and I. Ksiazek. 2017. "Dpp9 enzyme activity controls survival of mouse migratory tongue muscle progenitors and its absence leads to neonatal lethality due to suckling defect." **Devel. Biol.**, 431:297-308.

Kim, M., A. Piaia, N. Shenoy, D. Kagan, B. Gapp, B. Kueng, D. Weber, W. Dietrich, and I. Ksiazek. 2015. "Progression of Alport kidney disease in *Col4a3* knock out mice is independent of sex or macrophage depletion by clodronate treatment." **PLoS One.**, 10(11):e0141231.

Palacino, J., S. E. Swalley, C. Song, A. K. Cheung, L. Shu, X. Zhang, M. VanHoosear, Y. Shin, D. N. Chin, C. Gubser-Keller, M. Beibel, N. A. Renaud, M. Salcius, X. Shi, M. Hild, R. Servais, M. Jain, L. Deng, C. Bullock, M. McLellan, S. Schuierer, L. Murphy, M. J. J. Blommers, C. Blaustein, F. Berenshteyn, A. Lacoste, J. R. Thomas, G. Roma, G. A. Michaud, B. S. Tseng, J. A. Porter, V. E. Myer, J. A. Tallarico, L. G. Hamann, D. Curtis, M. C. Fishman, W. F. Dietrich, N. A. Dales, and R. Sivasankaran. 2015. "SMN2 Splice Modulators Enhance U1-pre-mRNA Association and Rescue SMA Mice." **Nat. Chem. Biol.** 11: 511-517.

Rogers, M. S., V. Boyartchuk, R. M. Rohan, A. E. Birsner, W. F. Dietrich, and R. J. D'Amato. 2012. "The classical pink-eyed dilution mutation affects angiogenic responsiveness." **PLoS One**., 7: e35237.

Coers, J., I. Bernstein-Hanley, D. Grotsky, I. Parvanova, J. C. Howard, G. A. Taylor, W. F.

Dietrich, and M. N. Starnbach. 2008. "*Chlamydia muridarum* evades growth restriction by the IFN-γ-inducible host resistance factor Irgb10." **J. Immunol.,** 180: 6237-6245.

Lightfield, K. L., J. Persson, S. W. Brubaker, C. E. Witte, J. von Moltke, E. A. Dunipace, T. Henry, Y. H. Sun, D. Cado, W. F. Dietrich, D. M. Monack, R. M. Tsolis, and R. E. Vance. 2008. "Critical function for Naip5 in inflammasome activation by a conserved carboxy-terminal domain of flagellin." **Nature Immunology.,** 9: 1171-1178.

Wang, F., P. N. Paradkar, A. O. Custodio, D. M. McVey Ward, M. D. Fleming, D. Campagna, K. A. Roberts, V. Boyartchuk, W. F. Dietrich, J. Kaplan, and N. C. Andrews. 2007. "Genetic variation in Mon1a affects protein trafficking and modifies macrophage iron loading in mice." **Nature Genetics**., 39: 1025-1032.

Coers, J., R. E. Vance, M. Fontana, and W. F. Dietrich. 2007. "Restriction of *Legionella pneumophila* growth in macrophages requires the concerted action of cytokine and *Naip5/Ipaf* signaling pathways." **Cell. Microbiol**., 9: 2344-2357.

Bernstein-Hanley, I., J. Coers, Z. R. Balsara, G. A. Taylor, M. N. Starnbach, and W. F. Dietrich. 2006. "The p47 GTPases *Igtp* and *Irgb10* map to the *Chlamydia trachomatis* susceptibility locus *Ctrq-3* and mediate cellular resistance in mouse." **Proc. Natl. Acad. Sci. USA**., 103: 14092-14097.

Ren, T., D. Zamboni, C. R. Roy, W. F. Dietrich, and R. E. Vance. 2006. "Flagellin-deficient *Legionella* mutants evade Caspase-1- and *Naip5*- mediated macrophage immunity." **PLoS Pathogens**., 2(3): e18.

Zamboni, D. S., K. S. Kobayashi, T. Kohlsdorf, Y. Ogura, E. M. Long, R. E. Vance, K. Kuida, S. Mariathasan, V. M. Dixit, R. A. Flavell, W. F. Dietrich, and C. R. Roy. 2006. "The Birc1e cytosolic pattern-recognition receptor contributes to the detection and control of *Legionella pneumophila* infection." **Nature Immunology**., 7: 318-325.

Boyden, E. D., and W. F. Dietrich. 2006. "*Nalp1b* controls mouse macrophage susceptibility to anthrax lethal toxin." **Nature Genetics**., 38: 240-244.

Bernstein-Hanley, I., Z. Balsara, W. Ulmer, J. Coers, M. N. Starnbach, and W. F. Dietrich. 2006. "Genetic analysis of susceptibility to *Chlamydia trachomatis* in mouse." **Genes and Immunity**., 7: 122-129.

Boyartchuk, V., M. Rojas, B. S. Yan, O. Jobe, N. Hurt, D. M. Dorfman, D. E. Higgins, W. F. Dietrich, and I. Kramnik. 2004. "The host resistance locus *Sst1* controls innate immunity to *Listeria monocytogenes* infection in immunodeficient mice..", **J. Immunol.** , 173: 5112-5120.

Shaw, M. H., V. Boyartchuk, S. Wong, M. Karaghiosoff, J. Ragimbeau, S. Pellegrini, M. Muller, W. F. Dietrich, and G. S. Yap. 2003. "A natural mutation in the Tyk2 pseudokinase domain underlies altered susceptibility of B10.Q/J mice to infection and autoimmunity." **Proc. Natl. Acad. Sci. USA**, 100: 11594-11599.

Wright, E. K, S. A. Goodart, J. D. Growney, V. Hadinoto, M. G Endrizzi, E. M. Long, K. Sadigh, A. L. Abney, I. Bernstein-Hanley, and W. F. Dietrich. 2003. "*Naip5* affects host

susceptibility to the intracellular pathogen *Legionella pneumophila*." **Curr. Biol.**, 13: 27-36.

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