CURRICULUM VITAE

Beth Fallert Junecko

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University of Pittsburgh
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Appointments & Positions

Research Specialist IV, April 2022-present
Project Manager

Responsibilities:

- Manage multiple projects across two groups
- Data collection and analysis
- Accessing project progress and setting priorities
- Research database design, implementation and management
- Scheduling
- Meeting minutes
- Purchasing using the PantherExpress system

University of Pittsburgh, Department of Infectious Diseases and Microbiology in the Graduate School of Public Health, Pittsburgh, PA
Research Specialist IV, 2016-April 2022
Lab Manager in Dr. Joshua Mattila's laboratory

Responsibilities:

- Execute experiments, analyze results, and report data
- Organize and manage the laboratory including handling equipment maintenance and repairs
- Order supplies and reagents using the PantherExpress purchasing system and maintain a record of the orders using a paperless system
- Train students
- Ensure laboratory members receive appropriate safety training
- Maintain a supplies and reagents inventory database in Quartzy and databases for freezers and cryogenic storage
- Prepare SOPs for BSL2, BSL2+, and BSL3 laboratories
- Coordinate studies with other laboratories and maintain a calendar for the laboratory
- Certified Dangerous Goods Shipper
- Safely dispose of chemical waste

Technical Skills:

- Proficient use of MS Office Suite to create protocols, databases, forms, and reports
- Analyze data using Excel and PRISM
- Immunohistochemistry and four color immunofluorescent staining
- Prepare tissue sections on slides using a microtome
- H & E and auramine–rhodamine staining
- *In Situ* hybridization using RNAscope
- Microscope image capture using Nikon Elements software

- Image analysis using Photoshop, imageJ, and Cell Profiler
- Prepare bacterial cultures and infect cells under BSL3 conditions
- Stimulate and stain cells with surface and intracellular antibodies
- Techniques including: cell isolation, cell and tissue culture, chemotaxis, RNA extraction from cells and tissues, flow cytometry

Research Specialist IV, 2001-2016
Lab Manager in Dr. Todd Reinhart's laboratory

Responsibilities:

- Execute experiments, analyze results, and report data
- Organize and manage the laboratory including handling equipment maintenance and repairs
- Supervise and train new staff and students
- Ensure laboratory members receive appropriate safety training
- Coordinate studies and collaborative experiments with other laboratories inside and outside of the University of Pittsburgh
- Organize and manage the laboratory including handling equipment maintenance and repairs
- Order supplies and reagents using the PantherExpress purchasing system for a budget >$250K per year and maintain a record of the orders using a paperless system
- Safely dispose of chemical and radioactive waste
- Maintain a supplies and reagents inventory database in Excel and also Access databases for five freezers and three LN_2 tanks
- Prepare SOPs for BSL2 and BSL2+ laboratories
- Certified Dangerous Goods Shipper
- Relocation of the laboratory to a new location within the Graduate School of Public Health

Technical Skills:

- Immunohistochemistry and three color immunofluorescent staining
- H & E staining
- Macaque tissue acquisition, dissection, preservation and sectioning using a microtome and cryostat
- Microscope image capture and analysis using MetaMorph and Nikon Elements software
- In situ hybridization using ^{35}S labeled riboprobes
- Subcloning macaque, human, and mouse genes
- Sequence analysis using CLC Main Workbench, Vector NTI, Sequencher, and BioEdit software
- Techniques including: western blotting, cell and tissue culture, chemotaxis, RNA extraction from cells and tissues, real-time RT-PCR, flow cytometry, ELISA

Research Specialist IV, 2013
Working under the supervision of Dr. Charles Rinaldo's Vaccine Effectiveness Influenza Project (20% effort for 4 months)

Technical Skills:

- Subtype influenza strains using real-time RT-PCR
- Hemagglutinations on supernatants from viral cultures to determine titers
- Assist in the preparation of samples and results to be sent to the CDC and WHO organizations

Research Specialist III, 1998-2001
Technician in Dr. Todd Reinhart's laboratory

Responsibilities:

- Order supplies, reagents, and equipment needed to start a new laboratory
- Create an inventory database
- Organize and manage the laboratory including handling equipment maintenance and repairs
- Organize, maintain, and oversee the day to day operations of the laboratory

Technical Skills:

- Immunohistochemistry and three color immunofluorescent staining
- H & E staining
- Macaque tissue acquisition, dissection, preservation and sectioning using a microtome and cryostat
- Microscope image capture and analysis using MetaMorph and Nikon Elements software
- In situ hybridization using ^{35}S labeled riboprobes
- Techniques including: cell and tissue culture

Research Specialist II, 1997-1998
Technician in Dr. Frank Tung's laboratory

Responsibilities:

- Organize the laboratory
- Maintain inventory and the laboratory records
- Order supplies

Technical Skills:

- Techniques including: DNA extraction, colony hybridization, transformation, transfection, production and assay of virus, immunoprecipitation, and PCR

Awards

Arts Incentive Grant. Duquesne University, Pittsburgh, PA, 1991-1995

Education & Training

Administrative Professional Certificate, University of Pittsburgh, 2018

B.S. in Biology, Duquesne University, Pittsburgh, PA, 1991-1995

Professional Development and Improvement

Introduction to Adobe Illustrator for Diagrams. University of Pittsburgh Health Sciences Library, 2020

Introduction to Adobe Photoshop. University of Pittsburgh Health Sciences Library, 2020

Outlook 2016: Tips and Tricks. LinkedIn Learning, 2019

Outlook: Working with Multiple Calendars. LinkedIn Learning, 2019

Access Quick Tips. LinkedIn Learning, 2019

Outlook 2016: Time Management with Calendar and Tasks. LinkedIn Learning, 2019

Building Solutions Using Excel 2013 and Access 2013 Together, Linda.com, 2018

Box Basics. University of Pittsburgh Health Sciences Library Services Bioinformatics Training Workshop, 2015

Introduction to CLC Main Workbench. University of Pittsburgh Health Sciences Library Services Bioinformatics Training Workshop, 2014

Exploring Mechanisms of Tissue Infection and Pathology Using Innovative Human Organotypic Models. Karolinska Institutet, Stockholm, Sweden, 2014

PantherBuy Department Buyer Training. University of Pittsburgh Financial Informations Systems, 2010

PRISM TRKS Supervisor Training. University of Pittsburgh Financial Informations Systems, 2010

Leadership Development-Motivating Others Workshop. University of Pittsburgh-College of General Studies, Learning Solutions Technology Center, 2009

Microsoft Access 2003-Level 2. University of Pittsburgh Learning Solutions, College of General Studies, 2008

Vector NTI-Database Management. University of Pittsburgh Health Sciences Library Services Bioinformatics Training Workshop, 2007

Introduction to Vector NTI. University of Pittsburgh Health Sciences Library Services Bioinformatics Training Workshop, 2005

Microsoft Access-Level 1. University of Pittsburgh Learning Solutions, College of General Studies, 2005

Strategies for Writing Excellence on the Job Workshop University of Pittsburgh-College of General Studies, Learning Solutions Technology Center, 2005

17th Annual Clinical Flow Cytometry Course. University of Pittsburgh Cancer Institute, Hillman Cancer Center, 2004

Productivity Workshop. University of Pittsburgh-College of General Studies, Learning Solutions Technology Center, 2004

Relating with Style Workshop. University of Pittsburgh-College of General Studies, Learning Solutions Technology Center, 2004

Emotional Intelligence Workshop. University of Pittsburgh-College of General Studies, Learning Solutions Technology Center, 2004

Publications

Refereed/Peer-Reviewed

1. Gideon HP, Phuah J, **Junecko BA**, Mattila JT. Neutrophils express pro- and anti-inflammatory cytokines in granulomas from Mycobacterium tuberculosis-infected cynomolgus macaques. *Mucosal Immunol*. 2019 Nov;12(6):1370-1381.

2. Ganchua SKC, Cadena AM, Maiello P, Gideon HP, Myers AJ, **Junecko BF**, Klein EC, Lin PL, Mattila JT, Flynn JL. Lymph nodes are sites of prolonged bacterial persistence during Mycobacterium tuberculosis infection in macaques. *PLoS Pathog*. 2018 Nov 1;14(11).

3. Jhingran A, Kasahara S, Shepardson KM, **Junecko BA**, Heung LJ, Kumasaka DK, Knoblaugh SE, Lin X, Kazmierczak BI, Reinhart TA, Cramer RA, Hohl TM. Compartment-Specific and Sequential Role of MyD88 and CARD9 in Chemokine Induction and Innate Defense during Respiratory Fungal Infection. *PLoS Pathog*. 2015 Jan 26;11(2).

4. Berendam SJ, **Fallert Junecko BA**, Murphey-Corb MA, Fuller DH, Reinhart TA. Isolation, characterization, and functional analysis of ferret lymphatic endothelial cells. *Vet Immunol Immunopathol.* 2015 Feb 15;163(3-4):134-45.

5. Landolfi JA, Terio KA, Miller M, **Junecko BF**, Reinhart T. Pulmonary Tuberculosis in Asian Elephants (Elephas maximus): Histologic Lesions With Correlation to Local Immune Responses. *Vet Pathol*. 2014 Sep 16.

6. Gopal R, Monin L, Slight S, Uche U, Blanchard E, **Fallert Junecko BA**, Ramos-Payan R, Stallings CL, Reinhart TA, Kolls JK, Kaushal D, Nagarajan U, Rangel-Moreno J, Khader SA. Unexpected role for IL-17 in protective immunity against hypervirulent Mycobacterium tuberculosis HN878 infection. *PLoS Pathog*. 2014 May 15;10(5).

7. Soloff AC, Bissel SJ, **Junecko BF**, Giles BM, Reinhart TA, Ross TM, Barratt-Boyes SM. Massive mobilization of dendritic cells during influenza A virus subtype H5N1 infection of nonhuman primates. *J Infect Dis*. 2014 Jun 15;209(12):2012-6.

8. Gopal R, Rangel-Moreno J, **Fallert Junecko BA**, Mallon DJ, Chen K, Pociask DA, Connell TD, Reinhart TA, Alcorn JF, Ross TM, Kolls JK, Khader SA. Mucosal pre-exposure to Th17-inducing adjuvants exacerbates pathology after influenza infection. *Am J Pathol*. 2014 Jan;184(1):55-63.

9. Gopal R, Monin L, Torres D, Slight S, Mehra S, McKenna KC, **Fallert Junecko BA**, Reinhart TA, Kolls J, Báez-Saldaña R, Cruz-Lagunas A, Rodríguez-Reyna TS, Kumar NP, Tessier P, Roth J, Selman M, Becerril-Villanueva E, Baquera-Heredia J, Cumming B, Kasprowicz VO, Steyn AJ, Babu S, Kaushal D, Zúñiga J, Vogl T, Rangel-Moreno J, Khader SA. S100A8/A9 proteins mediate neutrophilic inflammation and lung pathology during tuberculosis. *Am J Respir Crit Care Med*. 2013 Nov 1;188(9):1137-46.

10. Lucero CM, **Fallert Junecko B**, Klamar CR, Sciullo LA, Berendam SJ, Cillo AR, Qin S, Sui Y, Sanghavi S, Murphey-Corb MA, Reinhart TA. Macaque paneth cells express lymphoid chemokine CXCL13 and other antimicrobial peptides not previously described as expressed in intestinal crypts. *Clin Vaccine Immunol*. 2013 Aug;20(8):1320-8.

11. Hamilton R, Krauze M, Romkes M, Omolo B, Konstantinopoulos P, Reinhart T, Harasymczuk M, Wang Y, Lin Y, Ferrone S, Whiteside T, Bortoluzzi S, Werley J, Nukui T, **Fallert-Junecko B**, Kondziolka D, Ibrahim J, Becker D, Kirkwood J, Moschos S. Pathologic and gene expression features of metastatic melanomas to the brain. *Cancer*. 2013 Aug 1;119(15):2737-46.

12. Qin S, **Junecko BA**, Lucero CM, Klamar CR, Trichel AM, Murphey-Corb MA, Tarwater PM, Kirschner DE, Reinhart TA. Simian immunodeficiency Virus Infection Potently Modulates Chemokine Networks and Immune Environments in Hilar Lymph Nodes of Cynomolgus Macaques. *J Acquir Immune Defic Syndr*. 2013 Aug 1; 63(4): 428–437.

13. Founds SA, **Fallert-Junecko B**, Reinhart TA, Parks WT. LAIR2-expressing extravillous trophoblasts associate with maternal spiral arterioles undergoing physiologic conversion. *Placenta*. 2013 Mar;34(3):248-55.

14. Qin S, Klamar CR, **Fallert Junecko BA**, Craigo J, Fuller DH, Reinhart TA. Functional Characterization of Ferret CCL20 and CCR6 and Identification of Chemotactic Inhibitors. *Cytokine*. 2013 Mar; 61(3): 924–932.

15. Choi YK, **Fallert Junecko BA**, Klamar CR, Reinhart TA. Characterization of Cells Expressing Lymphatic Marker LYVE-1 in Macaque Large Intestine during Simian Immunodeficiency Virus Infection Identifies A Large Population of Nonvascular LYVE-1+/DC-SIGN+ Cells. *Lymphatic Research and Biology*. March 2013, 11(1): 26-34.

16. Gopal R, Rangel-Moreno J, Slight S, Lin Y, Nawar HF, **Fallert Junecko BA**, Reinhart TA, Kolls J, Randall TD, Connell TD, Khader SA. Interleukin-17-dependent CXCL-13 mediates mucosal vaccine-induced immunity against tuberculosis. *Mucosal Immunol*. 2013 Sep; 6(5): 972–984.

17. Slight SR, Rangel-Moreno J, Gopal R, Lin Y, **Fallert Junecko BA**, Mehra S, Selman M, Becerril-Villanueva E, Baquera-Heredia J, Pavon L, Kaushal D, Reinhart TA, Randall TD, Khader SA. CXCR5+ T helper cells mediate protective immunity against tuberculosis. *J Clin Invest*. 2013 Feb 1; 123(2): 712–726.

18. Guglani L, Gopal R, Rangel-Moreno J, **Junecko BF**, Lin Y, Berger T, Mak TW, Alcorn JF, Randall TD, Reinhart TA, Chan YR, Khader SA. Lipocalin 2 Regulates Inflammation during Pulmonary Mycobacterial Infections. *PLoS One*. 2012; 7(11): e50052.

19. Muthuswamy R, Berk E, **Junecko BF**, Zeh HJ, Zureikat AH, Normolle D, Luong TM, Reinhart TA, Bartlett DL, Kalinski P. NF-κB hyperactivation in tumor tissues allows tumor-selective reprogramming of the chemokine microenvironment to enhance the recruitment of cytolytic T effector cells. *Cancer Res.* 2012 Aug 1;72(15):3735-43.

20. Khader SA, Guglani L, Rangel-Moreno J, Gopal R, **Fallert Junecko BA,** Fountain JJ, Martino C, Pearl JE, Tighe M, Lin YY, Slight S, Kolls JK, Reinhart TA**,** Randall TD, Cooper AM. IL-23 Is Required for Long-Term Control of Mycobacterium tuberculosis and B Cell Follicle Formation in the Infected Lung. *J Immunol*. 2011 Nov, 15;187 (10): 5402-7.

21. Fei M, Bhatia S, Oriss TB, Yarlagadda M, Khare A, Akira S, Saijo S, Iwakura Y, **Fallert Junecko BA**, Reinhart TA, Foreman O, Ray P, Kolls J, Ray A. TNF-alpha from inflammatory dendritic cells (DCs) regulates lung IL-17A/IL-5 levels and neutrophilia versus eosinophilia during persistent fungal infection. *Proc Natl Acad Sci U S A.* 2011 Mar 29;108(13):5360-5.

22. Zhu X, **Fallert-Junecko BA**, Fujita M, Ueda R, Kohanbash G, Kastenhuber ER, McDonald HA, Liu Y, Kalinski P, Reinhart TA, Salazar AM, Okada H. Poly-ICLC promotes the infiltration of effector T

cells into intracranial gliomas via induction of CXCL10 in IFN-α and IFN-γ dependent manners. *Cancer Immunol Immunother.* 2010 Sep;59(9):1401-9.

23. Qin S, **Fallert Junecko BA**, Trichel AM, Tarwater PM, Murphey-Corb MA, Kirschner DE, Reinhart TA. Simian Immunodeficiency Virus Infection Alters Chemokine Networks in Lung Tissues of Cynomolgus Macaques : association with Pneumocystis carinii infection. *Am J Pathol*. 2010 Sep;177(3):1274-85.

24. S.A. Founds, **B. Fallert-Junecko**, T.A. Reinhart, Y.P. Conley, W.T. Parks. LAIR2 localizes specifically to sites of extravillous trophoblast invasion. *Placenta*. 2010 Oct;31(10):880-5.

25. Hogue IB, Bajaria SH, **Fallert BA**, Qin S, Reinhart TA, Kirschner DE. The dual role of dendritic cells in the immune response to human immunodeficiency virus type 1 infection. *J Gen Virol*. 2008 Sep;89(Pt 9):2228-39.

26. Qin S, Sui Y, Soloff AC, **Junecko BA**, Kirschner DE, Murphey-Corb MA, Watkins SC, Tarwater PM, Pease JE, Barratt-Boyes SM, Reinhart TA. Chemokine and cytokine mediated loss of regulatory T cells in lymph nodes during pathogenic simian immunodeficiency virus infection. *J Immunol*. 2008 Apr 15;180(8):5530-6.

27. Pegu A, Qin S, **Fallert Junecko BA**, Nisato RE, Pepper MS, Reinhart TA. Human lymphatic endothelial cells express multiple functional TLRs. *J Immunol*. 2008 Mar 1;180(5):3399-405.

28. **Fallert BA**, Poveda S, Schaefer TM, Pfeifer ME, Sanghavi SK, Watkins SC, Murphey-Corb MA, Tarwater PM, Kirschner DE, Reinhart TA. Virologic and immunologic events in hilar lymph nodes during simian immunodeficiency virus infection: development of polarized inflammation. *J Acquir Immune Defic Syndr*. 2008 Jan 1;47(1):16-26.

29. Clay CC, Rodrigues DS, Ho YS, **Fallert BA**, Janatpour K, Reinhart TA, Esser U. Neuroinvasion of fluorescein-positive monocytes in acute simian immunodeficiency virus infection. *J Virol*. 2007 Nov;81(21):12040-8. Epub 2007 Aug 22.

30. Schaefer TM, Fuller CL, Basu S, **Fallert BA**, Poveda SL, Sanghavi SK, Choi YK, Kirschner DE, Feingold E, Reinhart TA. Increased expression of interferon-inducible genes in macaque lung tissues during simian immunodeficiency virus infection. *Microbes Infect*. 2006 Jun;8(7):1839-50. Epub 2006 May 2.

31. Abel K, La Franco-Scheuch L, Rourke T, Ma ZM, De Silva V, **Fallert B**, Beckett L, Reinhart TA, Miller CJ. Gamma interferon-mediated inflammation is associated with lack of protection from intravaginal simian immunodeficiency virus SIVmac239 challenge in simian-human immunodeficiency virus 89.6-immunized rhesus macaques. *J Virol*. 2004 Jan;78(2):841-54.

32. Choi YK, **Fallert BA**, Murphey-Corb MA, Reinhart TA. Simian immunodeficiency virus dramatically alters expression of homeostatic chemokines and dendritic cell markers during infection in vivo. *Blood*. 2003 Mar 1;101(5):1684-91. Epub 2002 Oct 24.

33. Fuller CL, Choi YK, **Fallert BA**, Capuano S 3rd, Rajakumar P, Murphey-Corb M, Reinhart TA. Restricted SIV replication in rhesus macaque lung tissues during the acute phase of infection. *Am J Pathol*. 2002 Sep;161(3):969-78.

34. Reinhart TA, **Fallert BA**, Pfeifer ME, Sanghavi S, Capuano S 3rd, Rajakumar P, Murphey-Corb M, Day R, Fuller CL, Schaefer TM. Increased expression of the inflammatory chemokine CXC chemokine ligand 9/monokine induced by interferon-gamma in lymphoid tissues of rhesus macaques during simian immunodeficiency virus infection and acquired immunodeficiency syndrome. *Blood*. 2002 May 1;99(9):3119-28.

35. **Fallert BA**, Reinhart TA. Improved detection of simian immunodeficiency virus RNA by in situ hybridization in fixed tissue sections: combined effects of temperatures for tissue fixation and probe hybridization. *J Virol Methods*. 2002 Jan;99(1-2):23-32.

36. Croix DA, Capuano S 3rd, Simpson L, **Fallert BA**, Fuller CL, Klein EC, Reinhart TA, Murphey-Corb M, Flynn JL. Effect of mycobacterial infection on virus loads and disease progression in simian immunodeficiency virus-infected rhesus monkeys. *AIDS Res Hum Retroviruses*. 2000 Nov 20;16(17):1895-908.

37. Schaefer TM, Bell I, **Fallert BA**, Reinhart TA. The T-cell receptor zeta chain contains two homologous domains with which simian immunodeficiency virus Nef interacts and mediates down-modulation. *J Virol*. 2000 Apr;74(7):3273-83.

Abstracts/Presentations by Others

1. Michal Tadeusz Krauze, Ronald L. Hamilton, Marjorie Romkes, Stephanie Bortoluzzi, Malgorzata Harasymczuk, Todd Reinhart, **Beth Fallert Junecko**, Tomoko Nukui, Panagiotis Konstantinopoulos, Dorothea Becker, Douglas Kondziolka, Ahmad A. Tarhini, Theresa Whiteside, Arlan H. Mintz, Hussein Tawbi, Soldano Ferrone, John M. Kirkwood, Stergios J Moschos. 2012. Association of high T-cell immune infiltrate and low hemorrhage in melanoma brain metastases (MBMs) with prolonged survival. *ASCO Annual Meeting*. Chicago, IL.

2. Shulin Qin, **Beth A. Fallert Junecko**, Cynthia Klamar, Carissa Flores, Jodi Craigo[3], Julia Nyaundi, Michael A. Murphey-Corb and Todd A. Reinhart. 2010. Epigallocatechin-3-gallate (EGCG) reduces siv replication and proinflammatory cytokine and chemokine expression in the lymphoid tissues of siv-infected cynomolgus macaques. *25th Annual Symposium on Nonhuman Primate Models for AIDS.* New Orleans, LA.

3. Parks, W.A., **Fallert Junecko, BA**., Reinhart, T.A., and Founds, A. LAIR2, Downregulated in Preeclampsia, Localizes to Sites of Extravillous Trophoblast Invasion. Society for Pediatric Pathology Annual/Spring Meeting, Washington, D.C. Selected for platform presentation. March 2010.

4. Flores C.M., **B.A. Fallert-Junecko**, T.R. Cillo, S. Qin, Y. Sui, T.A. Reinhart. 2009. Effects of simian immunodeficiency virus infection on expression and localization of homeostatic chemokine CXCL13 in macaque lymphoid tissues. *Keystone Symposia*. Keystone, CO.

5. Reinhart, T.A., S. Qin, Y. Sui, **B.A. Fallert Junecko**, A.C. Soloff, S.M. Barratt-Boyes, J.E. Pease, S.C. Watkins, M.A. Murphey-Corb, and P.M. Tarwater. 2008. Simian Immunodeficiency Virus Reshapes Lymphoid Tissue Environments by Altering Chemokine Expression Profiles: Mechanisms of Disease Induction. *Keystone Chemokines Meeting*. Keystone, CO.

6. Sui, Y., S. Qin, **B.A. Fallert**, M.A. Murphey-Corb, P.M. Tarwater, and T.A. Reinhart. 2007. Identification of a Multi-faceted Skew in The Polarization of Lymph Node Immune Environments during SIV Infection as Defined by Type 1, Type 2, and Type 17 Chemokines/Cytokine Levels. *25th Annual Symposium on Nonhuman Primate Models for AIDS.* Monterey, CA.

7. S. Qin, Y. Sui, **B.A. Fallert**, M.A. Murphey-Corb, P.M. Tarwater, D.E. Kirschner and T.A. Reinhart. 2007. Association of CCL25 and CXCL12 and Apoptosis of Cells in Lymphoid Tissues of Cynomolgus Macaques during SIV Infection. *25th Annual Symposium on Nonhuman Primate Models for AIDS.* Monterey, CA. Oral Presentation.

8. Reinhart, T.A., Y. Sui, S. Qin, A. Soloff, **B.A. Fallert**, J.E. Pease, P.M. Tarwater, and S. Barratt-Boyes, and M.A. Murphey-Corb. 2007. Changes in Chemokine Networks Reshape Lymphoid Tissue Environments during SIV Infection: An Expanding Model of Disease Mechanisms. *25th Annual Symposium on Nonhuman Primate Models for AIDS.* Monterey, CA. Oral presentation by TR.

9. Qin, S., **B.A. Fallert**, Y. Sui, A.M. Trichel, M.A. Murphey-Corb, D.E. Kirschner, and T.A. Reinhart. 2006. Comprehensive Analysis of Chemokine Networks in Hilar Lymph Nodes of Cynomolgus Macaques during Simina Immunodeficiency Virus Infection Reveals the Upregulation of CXCR3 and CCR5 Ligands and the Dowregulation of CCR4, CCR6, CCR7, CCR8, CCR9 and CXCR4 Ligands. *24th Annual Symposium on Nonhuman Primate Models for AIDS*. Atlanta, GA. Oral presentation by SQ.

10. Qin, S., **B.A. Fallert**, D.E. Kirschner, and T.A. Reinhart. 2005. Comprehensive Analysis of Chemokine Networks in Lung Tissue of Cynomolgus Macaques during SIV Infection. *23rd Annual Symposium on Nonhuman Primate Models for AIDS*. Portland, OR. Oral presentation by SQ.

11. Reinhart, T.**, B. Fallert**, S. Sanghavi, Y.-K. Choi, and D. Kirschner. 2004. Chronic Type 1 Inflammation in Lymphoid Tissues During Immunodeficiency Virus Infection & AIDS: Roles for CXCR3 and TLR3. *Second Annual Inflammatory Diseases Symposium*. Boston, MA.

12. Trichel, A.M., P. Rajakumar, A. Bazmi, **B.A. Fallert**, T. A. Reinhart, and M. Murphey-Corb. 2003. Revisitation of the Suitability of the Cynomolgus Macaque for SIV Vaccine Testing and Pathogenesis Research. *21st Annual Symposium on Nonhuman Primate Models for AIDS.* Seattle, WA.

13. Todd A. Reinhart, **Beth A. Fallert**, Craig L. Fuller, Yang Kyu Choi, Todd M Schaefer, Sonali Sanghavi, Shrabani Basu, JoAnne Flynn. 2003. Alterations in in situ chemokine expression patterns in nonhuman primate models of infectious diseases. *Chemokines 2 Chemokines and Their Receptors as Therapeutic Targets.* Paris. Oral presentation by TR.

14. Reinhart, T.A., **B. Fallert**, Y.K. Choi, T.M Schaefer, S. Sanghavi, M.A. Murphey-Corb, and S. Basu. 2002. Dysregulation of Chemokine and Dendritic Cell Networks in Lymphoid Tissues during Simian Immunodeficiency Virus Infection In Vivo: Mechanisms of Immunopathogenesis. *10th Conference on Retroviruses and Opportunistic Infections*. Boston, MA.

15. Sarkar, S, **B. Fallert**, M. Murphey-Corb, R. Montelaro, and T.A. Reinhart. 2002. Decreased SIV-specific Th1 Cells in the Periphery Correlate with Increased Antigen-specific Th1 Cells and Increased Expression of Th1 Recruiting Chemokine CXCL9/Mig in Lymphoid Tissues: A New

Recruitment Model for Peripheral Th1/Th2 Shifts during AIDS. *20th Annual symposium on Nonhuman Primate Models for AIDS*. Monterey, CA.

16. Choi, Y.-K., **B.A. Fallert**, M.A. Murphey-Corb, and T.A. Reinhart. 2002. Altered Expression of Homeostatic Chemokines and Dendritic Cell Markers in Lymphoid Tissues During Simian Immunodeficiency Virus Infection and AIDS. *20th Annual symposium on Nonhuman Primate Models for AIDS*. Monterey, CA.

17. Sarkar, S., **B.A. Fallert**, M. Murphey-Corb, R.C. Monetlaro, and T.A. Reinhart. 2002. Predominance of SIV-Specific Th2 Cells in the Periphery Correlates with the Increased Expression of Th1 Recruting Chemokine CXCL9/Mig in Lymphoid Tissues: A New Recruitment Model for Peripheral Th1/Th2 Shifts. *2002 Palm Springs Symposium on HIV/AIDS*. Palm Springs, CA.

18. Choi, Y.-K., **B.A. Fallert**, and T.A. Reinhart. 2001. Changes in Expression Levels and Patterns of rDC-SIGN and rDC-LAMP mRNAs in Rhesus Macaques during DIV/DeltaB670 Infection. *19th Annual symposium on Nonhuman Primate Models for AIDS.* San Juan, Puerto Rico.

19. Reinhart, T.A., **B.A. Fallert**, M. Pfeifer, S. Capuano III, P. Rajakumar, M. Murphey-Corb, C.L. Fuller, and T.M Schaefer. 2001. Dysregulation of Chemokine Expression in Lymphoid Tissues during SIV/DeltaB670 Infection of Rhesus Macaques. *19th Annual symposium on Nonhuman Primate Models for AIDS.* San Juan, Puerto Rico.

20. Reinhart, T.A., **B.A. Fallert**, C.L. Fuller, S. Capuano III, M. Murphey-Corb, I. Bell, M. Pfeifer, and M. Delp. 2001. Increased Expression of the CXC Chemokines in Lung Tissues of Rapidly Progressing Simian Immunodeficiency Virus Infected Rhesus Macaques with AIDS. *HIV Pathogenesis Meeting: Keystone Symposium Series.* Keystone, CO.

21. Reinhart, T.A., **B.A. Fallert**, C.L. Fuller, S. Capuano III, M. Murphey-Corb, I. Bell, M. Pfeifer, and M. Delp. 2001. Increased Expression of the CXC Chemokines Mig and IP-10 in Lung Tissues of Simian Immunodeficiency Virus Infected Rhesus Macaques with AIDS. *Chemokines and Chemokine Receptors Meeting: Keystone Symposium Series.* Taos, NM.

22. Fuller, C.L., **B. A. Fallert**, S. Capuano III, M. Murphey-Corb, and T.A. Reinhart. 2000. Comprehensive Examination of Lung Tissues from SIV-Infected Rhesus Macaques Reveals Only Rare Productively Infected Cells During Acute Infection. *18th Annual Symposium on Nonhuman Primate Models for AIDS*. Madison, WI.

References

Available upon request.