

CURRICULUM VITAE

May 13, 2018

I. BIOGRAPHICAL DATA

Name: **Francis H.Y. GREEN**
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D.O.B. July 18, 1945
Citizenship: Canadian, naturalized

Emeritus Professor
Department of Pathology & Laboratory Medicine
Faculty of Medicine
The University of Calgary

Chair (1996-2001)
Respiratory Research Group
Faculty of Medicine
The University of Calgary

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II. ACADEMIC RECORD

MB, ChB 1968
Manchester University Medical School
Manchester, England

- i. Undergraduate
Leeds Grammar School, graduated 1963
- ii. Special Professional
ECFMG, VQE, FLEX

iii. Graduate and Postdoctoral

Pathology Department, Manchester University
M.D. by Original Research and Thesis (Ph.D. equivalent) 1978.
Title: An immunofluorescent study of the Secretory Immune System.

iv. Licensure and Boards

Licensed to practice medicine in Alberta, Canada and West Virginia, U.S.A.
MRC. Path. Part I. (1975)
Diplomate American Board of Pathology (Anatomic) (1984)

III. AWARDS AND DISTINCTIONS

Bronze Award, 1983 Annual Exhibit in Pathology.
American Soc. of Clinical Pathologists/College of American Pathologists.

Bronze Award, 1984 Annual Exhibit in Pathology.
American Soc. of Clinical Pathologists/College of American Pathologists.

Gold Star Letter for Excellence in Teaching 1990, 1991, 1992, 1993, 1994, 1996, 1997, 1998,
1999, 2000, 2003, 2004

Sun Life of Canada Award (jointly with the Alberta Lung Association), 1991

Award of Excellence, April 2001, The Lorraine Awards
Alberta Lung Association

IV. ACADEMIC APPOINTMENTS

1968-1969	House Surgeon, Manchester Royal Infirmary
1968-1969	House Physician, Manchester Royal Infirmary
1969-1970	Resident Clinical Pathologist, Manchester Royal Infirmary
1970-1976	Lecturer in Pathology, Manchester University
1976-1977	Locum Consultant Histopathologist, Royal Isle of Wight County Hospital
1977-1985	Chief, Pathology Section, National Institute for Occupational Safety and Health (NIOSH) Morgantown, WV 26505
1979-1980	Acting Branch Chief, NIOSH
1977-1985	Assistant Professor, Department of Pathology, West Virginia University School of Medicine
1985-1991	Medical Scholar, Alberta Heritage Foundation for Medical Research
1985-pres.	Professor, Department of Pathology, University of Calgary, Calgary, Alberta, Canada
1985-pres.	Medical Staff, Foothills Hospital, Calgary. Head Autopsy Service
2010-2013	Adjunct Senior Scientist, Lovelace Respiratory Research Institute (LRRI), Albuquerque, New Mexico

V. PROFESSIONAL ACTIVITIES

i. Membership in Professional and Learned Societies

Member - Pathological Society of Great Britain and Northern Ireland
Member - International Academy of Pathology
Member - Scientific Section, Alberta Lung Association
Member - Canadian Association of Pathologists
Member - American Thoracic Society
Member - European Respiratory Society

ii. Professional Service

a. Grant and Journal Reviews

Alberta Lung Association
Bureau of Mines (U.S. Government)
National Institute for Occupational Safety & Health
Journal Environmental Occupational Medicine
Journal Scanning Electron Microscopy
Journal Applied Physiology
Medical Research Council of Canada
Journal of Toxicology and Environmental Health
Journal of Environmental Medicine
British Columbia Lung Association

b. National and International Committees

Member - Lung Tumour Panel - Canadian Tumour Reference Centre, Ottawa (1986-1995)
Founding Member - Sulphide Research Network of Alberta
Chair - Research Committee, Alberta Lung Association (ALA) (1993-1994)
Member - Pathological Review Panel under Georgine Stipulation of Settlement
Member, M&SS Council, Alberta Lung Association
Member, CIHR, Global Health Research Program Development and Planning Grants B Committee (2003-2004)
Member, Canadian Institute of Natural and Integrative Medicine (CINIM) (2003 – 2009)

c. Government Agencies

NIH: Consultant and Site Visits.
NIOSH: Review Consultant for Criteria Documents, Grant Applications and Contract Awards. Member of task group to revise US federal regulations for the National Coal Workers autopsy program (1989-).

Consultant Dept. of Occupational Health, Government of Alberta. (1987-present).

Advisor, expert working group on crystalline silica, National Occupational Health and Safety Commission, Australia, 1990.

d. Community and Charity

Regular Contributor to ALA Newsletter "Clean Air Views"

VI. EDUCATIONAL ACTIVITIES

i. Undergraduate

Horizontal theme coordinator for respiratory course to medical students

Introductory Course:

Organizer for audiovisual and museum teaching specimens for respiratory course, Medicine 307

Faculty Advisor 1986 -

Responsible for pathology teaching, respiratory course, Medicine 307

Supervisor, Summer Studentship 2001, Jessica Brown

ii. Graduate

a) Students Supervised:

George De Sanctis - (PhD)

Co-supervised with Dr. J. E. Remmers

Graduated June 1991

Martin Lee - (MSc)

Co-supervised with Dr. S. Schürch

Daniel Zuege - (MSc)

Supervisory Committee

Douglas Morck - (PhD).

Supervisory Committee. Graduated 1991.

K. Ramaswamy - (PhD).

Supervisory Committee. Graduated 1991.

Kevin Wong - (MSc)

Supervisory Committee

Ray Boykiw – (PhD)

Supervisory Committee.
1996 – present.

Dr. Neil Skjodt - (MSc)
Supervisory Committee.
Graduated 1999.

David Palmer - (MSc)
Supervisory Committee
Graduated January 2000.

Patricia MacPherson - (MSc)
External Examiner. Graduated 1998.

Stacey Boser - (MSc)
Supervisor. Graduated 1999.

Dr. Luxmi Gahlot – (MSc)
Supervisory Committee.
Graduate April 2000.

Rajwinder Dhani - (Ph.D.)
External Examiner, University of British Columbia.
Graduated 2000.

Dr. Candice Bjornson – (MSc)
Supervisory Committee
1999 – 2002.

Dr. Rommy Koetzler – (MSc)
Co-supervisor, University of Calgary
September 2000 – June 2003.

Jonathan Pendlebury – (MSc)
Supervisory Committee
2001 – April 2004

Lisa Strosher
Examining Committee – M.Sc.
2002

Dr. Tamer El Mays – (MSc)
Supervisor
2003- 2007

Konstantin Koro – (MSc)
Supervisory Committee
2006-2008

Lasantha Gunasekara – (PhD)
Supervisory Committee
The Effects of Cholesterol on the Surface Properties of Lung Surfactant and
Surfactant Inhibition
2007-2008
2010 - present

Parichita Choudhury – (MSc)
Co-Supervisor

Sara Tehranian – (PhD)
Supervisory Committee
2010 – November 2011

Danny Polley – (PhD)
Supervisory Committee
June 2010 -

Candace Fahey – (MSc)
Supervisory Committee

Heather Payne – (MSc)
Supervisory Committee
September 2012 –

Mustafa Al Saied - (MSc)
Supervisory Committee
September 2012 –

b) Courses Taught:

Lung cells and morphometry - Advanced Respiratory Physiology, MDSC 623.01 and MDSC 623.03

Pulmonary Defences - Advanced Respiratory Physiology, MDSC 623.01

Respiratory System - MDCN 307 (3.88 overall mean rating, 2010)

Principles of Medicine course

MDSC 515 (4.2 overall mean rating, 2013)

UME/MD lectures – Course 3, Respiratory Pathology (4.08 overall mean rating, 2013 – awarded the Hellbender Award in teaching for 2013)

iii. Postgraduate

Dr. Yun-Gang Wang. Ministry of Coal Mining, Beijing, China. 1988-89

Dr. Xucheng Jiang. Harbin Medical University, China. 1991-1994

An-Wen Chan. Support of successful Rhodes Scholarship, 2000.

Konstantin Koro.

Dr. Margaret Kelly.

Dr. Tamer El-Mays.

iv. Continuing Medical Education

Occupational Health I, MDSC 645.07.

Resident instruction and training.

Regular participation in Pathology Rounds, Pulmonary Medicine Rounds, and city-wide I.C.U. Rounds.

Respiratory System, Alberta Society of Medical Laboratory Technologists. Calgary Academy (ASMLT) 1991.

Radiation Pneumonitis, CPC Rounds, October 24, 2000.

Mantle Cell NHL, CPC Rounds, December 19, 2000.

Didactic Presentation, Pulmonary 02: Interstitial Lung Disease, February 16, 2001.

Didactic Presentation, Pulmonary 03: Pulmonary Infections, February 16, 2001.

Didactic Presentation, Pulmonary Vascular Disease, April 4, 2001.

Pathology laboratory sessions (preceptor), 2001.

CME Rounds, Can Death from Asthma be Prevented? November 15, 2007.

v. High School and Community

Shad Valley program at the University of Calgary, 4-day course on the autopsy, 1993 - present.

Advanced biology class, Dr. E.P. Scarlitt Senior High School, 1994.
Work experience program, William Aberhart Senior High School, 1995, 1998.
English as a Second Language (ESL) Work Experience Program for High School
Students, Sponsored Shezma Kassam, Summer 2000.

VII. ADMINISTRATIVE RESPONSIBILITIES

i. Departmental

Head Autopsy Service, Department of Histopathology. Duties include day-to-day administration of the service, training of personnel, and safety aspects. Under my direction the autopsy suite was completely renovated, new equipment installed, and ventilation improved to meet Occupational Health and Safety standards.

Member, Departmental Executive Committee.

Death and Tissue Audit Subcommittee of Patient Care Committee, Departmental Member

CLS Research and Development Committee, Chair

CLS R&D Committee (January 2005 – December 2006)

Co-organizer and instructor for pathology assistants training program leading to a diploma. This program is the first of its kind in Canada and had three successful graduates in June, 1991.

Adult Research Committee

Acting Department Head, Department of Pathology & Laboratory Medicine, February 26 – May 31, 2001.

Member, CLS/UofC Academic Liaison Committee

Review Panel Member (March – August 2006)

2006 Master of Biomedical Technology (MBT) Summer Studentship Review Panel

ii. Faculty

Member, Electron Microscopy Executive Committee

Member, Subcommittee Research in the North (Dr. G. Gall, Chairman)

Member, Veterinary School Curriculum Committee (Respiratory) (2005)

Member, CLS/UofC Liaison Committee (January 2005 – January 2006)

VIII. RESEARCH

Current Major Research Interests:

Occupational pneumoconiosis and the development of diagnostic criteria and standards.

Analytical electron microscopy and X-Ray spectroscopy of mineral dust particles in lungs.

Experimental models of asbestos carcinogenesis.

Pathogenesis of fatal asthma.

Animal models of asthma.

Developing new therapies for acute severe asthma.

Research Support

1985-1994:

Alberta Heritage Foundation for Medical Research
Major Equipment: 1985-1987
\$350,000.00

Alberta Heritage Foundation for Medical Research
Operating: 1985-1987
\$180,000.00

Alberta Heritage Foundation for Medical Research
Clinical Fellowship (Dr. A. Balu): 1986-1987
\$37,000.00

Canadian Employment Job Development Program
Operating: 1986-1988
\$13,000.00

Alberta Lung Association
Operating: 1988-1989
\$23,800.00

Research Support (Cont.)

Alberta Lung Association
Operating: 1988-1989
\$29,300.00

Foothills Hospital Research & Development
(with Dr. M. Duggan)
Operating: 1990-1991
\$6,000
Analysis of AgNor sites

Health & Welfare Canada (with Dr. J. Butt)
Contract: 1988-1990
\$20,000.00
Fatal asthma study (retrospective)

Alberta Lung Association
Operating: 1990-1991
\$13,000.00
Role of neuropeptides in pulmonary defense mechanisms

Alberta Lung Association
Operating: 1990-1991
\$25,000.00
Experimental mesothelioma

Health & Welfare Canada
(with Dr. J. Butt)
Contract: 1990-1991
\$31,000.00
Fatal asthma study, prospective pilot study

Health & Welfare Canada
(with Dr. S. Roth)
Contract 1990-1991
\$43,000.00
Acid aerosol inhalation toxicology

Foothills Hospital Research & Development
Operating: 1988-1991
\$5,000.00
Autopsy enclosure device

Research Support (Cont.)

Alberta Lung Association
Operating: 1991-1992
\$25,000.00
Morphological and flow cytometric studies of experimental mesothelioma

Alberta Lung Association
Operating: 1991-1992
\$25,000.00
The role of neuropeptides released from afferent nerve fibres in pulmonary defence mechanisms

Health & Welfare Canada
Contract 62SS.H4078-1-C081, 1991-1992
\$80,000.00
Barometric method for the study of aerosol toxicity

Health Canada
F.H.Y. Green and S.H. Roth (Co-P.I.)
Contract: 1993-1994
\$90,000
Characterization of phenotypic markers of responder status to sulphated acid aerosols in guinea pigs

1995/1996:

U.S. National Institute of Environmental Sciences
F.H.Y. Green
Contract: 1994-1995, University of California, Davis
\$13,050 U.S.
Pulmonary fibrosis and mineral content of lung tissues from deceased California farmworkers

Asthma Society of Canada
Dr. S. Perry and Dr. F. Green (Co-PI)
Grant: 1994-1995
\$20,000
Stereologic study of fatal asthma

Health & Welfare Canada
(Dr. J. Butt [P.I.] and F.H.Y. Green)
Contract: 1991-1996
\$475,000.00
Prairie provinces fatal asthma study

Research Support (Cont.)

Health Canada

F.H.Y. Green and S.H. Roth (Co-P.I.)

Contract: 1995-1996

\$75,000

Characterization of phenotypic markers of responder status to sulphated acid aerosols in guinea pigs

Verband der Automobilindustrie e.V.

Dr. F. Hahn (PI), F.H.Y. green et al. (Co-investigators)

1996-1998

\$15,000

\$483,000 (to Inhalation Toxicology Research Institute, Albuquerque, NM; The University of Calgary component \$50,200)

Comparative pulmonary response of humans and animals to dust exposures

1998-2004:

EPA

Dr. F.H.Y. Green, Co-Investigator

1998-1999

\$30,000 U.S.

Reducing uncertainty in PM risk assessment through interpretation of human lung tissue analyses

University of California, Davis

F.H.Y. Green

2000-2001

US \$8,000

Pulmonary fibrosis and mineral content of lung tissues from deceased California farmworkers
Research agreement #91RA1831P96

Alberta Lung Association

Morphology of lung parenchyma in asthma

\$20,000

July 1999 - June 2001

Northern Lights Particulate Filters

Analysis of Environmental Filter Samples

\$13,100

January 1999 - 2001

Northern Lights Regional Health

IgE and Asthma

\$27,900

June 1999- 2001

Alberta Lung Association

Interstitial Lung Inflammation in Asthma

\$25,000

2001-2002

Research Support (Cont.)

National Institute for Occupational Safety & Health
Mineral dust burden in ambient human lungs
U.S. \$45,000
2001-2003

Capital Health Authority
IgE in Alberta populations
\$16,195
2002-2003

NHRDS
Evaluation of respiratory hazards in carving stone workers
(P.I. Dr. Patrick Hessel, University of Alberta)
\$317,800
Electron Microscopic Studies (Dr. F. Green)
\$22,290
2000-2002

Technology Commercialization: Phase 1, "Reversal of airway closure, delivery of pulmonary surfactant and other therapeutic compounds, and oxygenation in severe airway obstruction.
(P.I. Dr. Sam Schurch, University of Calgary)
\$34,630
2000-2001

Herron Foundation
Dr. I. Mitchell PI, FHY Green and W. Cowie, co-investigators)
Grant: 1995-2004
\$240,000
Studies of childhood asthma

NHRDS
Evaluation of respiratory hazards in carving stone workers
(P.I. Dr. F.H.Y. Green)
\$42,000
2000-2006

A study of the Buteyko breathing technique
Private Foundation
(Co-P.I. Drs. Green, Cowie, Poulin, Proud)
Animal Studies
(P.I. Dr. F.H.Y. Green)
\$80,476
2002-2009

Research Support (Cont.)

Calgary Laboratory Services
(P.I. Dr. F.H.Y. Green)
Evaluation of high resolution real time microscopy for the diagnosis of lung infections
\$7,500
2004 - 2006

Lovelace Biomedical & Environmental Research Institute
(P.I. Dr. F.H.Y. Green)
Regulation of mucous metaplasia in asthma
\$8,500 USD
2003-2007

Alberta Health and Wellness
(P.I. Dr. F.H.Y. Green)
Analysis of community health IgE data
\$5,000
2005-2006

National Institute for Occupational Safety & Health
Mineral dust burden in ambient human lungs
\$35,000 USD
2005-2009

Canadian Institutes of Health Research (CIHR)
Treatment of acute asthma with perfluorocarbon/carbon dioxide formulations
\$149,362
2006-2008

AHFMR Technology Transfer Grant (administered by UTI)
Perfluorocarbon/carbon dioxide research
\$10,000
2008

Alberta Lung Association
Using CO₂ and perfluorocarbons as an adjuvant to treatment for cystic fibrosis
\$30,000
2008-2009

University Technologies International (UTI)
Novel formulations for the treatment of acute asthma.
Southern Alberta Intellectual Property Network Grant Award
\$15,000
Nov 2009 – March 2010

University Technologies International (UTI)
Novel formulations for the treatment of acute asthma
AHFMR Forefront Award (Phase II)
\$26,500
Oct 2009 – May 2010

Alberta Lung Foundation
Operating Grant
Treatment of experimental asthma with CO₂, PFC, aerosols and CO₂/PFC

\$30,000
June 2010 – May 2011

Current:

Anonymous Foundations, Associations, Companies (Canadian)
(P.I. Dr. F.H.Y. Green)
High resolution microscopy of living human cells using Richardson Technology
Microscopy
\$509,145
2004-2018

AHFMR ForeFront Program
Treatment of acute asthma with perfluorocarbon/carbon dioxide formulations
\$150,000
October 2009 – June 30 2013

Calgary Laboratory Services
Operating Grant
Developing a serum based DNA test for infection in cystic fibrosis
\$9,500
June 2011 – November 25, 2013

CIHR
Knowledge translation operating grant
Disseminating a novel rescue therapy for severe asthma to a wider commercialization
focused audience
\$77,269
October 2011 –March 31, 2014

Alberta Innovates/Pfizer Translational Research Fund Opportunity
Operating Grant
Development and validation for a novel rescue therapy for severe asthma
\$198,780
December 2012 – July 31, 2014

U.S. Army
Contract
Pathological evaluation of slides from lungs of rats exposed to ambient dust from Iraq and
comparison to control lungs
\$7,500 USD
September 2012 – April 30, 2014

Alberta Innovates – Health Solutions
Cholesterol-mediated surfactant dysfunction – mechanisms and treatment
Co-Investigator with Dr. Matthias Amrein
\$700,000
April 2013 – March 2016

IX. INVITED ADDRESSES

Pathological Standards for Asbestosis: Internatl. Academy of Pathology Meeting, Chicago, IL, March 4, 1981.

Diagnosis of Asbestosis: American Thoracic Society Meeting, Detroit, MI, May 13, 1981.

Asbestos - "A Twentieth Century Plague?", College of American Pathology Environmental Program, San Diego, CA, March 18, 1981.

1981 and 1982 NIOSH Occupational Medicine Course.

American Academy of Forensic Sciences Meeting, New Orleans, Feb. 1986. Organized and Conducted workshop entitled "Death in the Workplace."

Member Organizing Committee, Inhalation Toxicology Workshop Alberta Environmental Centre, May 1987. International Conference on Hydrogen Sulphide Toxicity. Banff, Alberta, June 18-21, 1989.

Co-organizer, Heritage Days Workshop on "Airway Injury", Calgary, Alberta, November 30, 1989

Organizer and Chair Scientific Session Microscopical Society of Canada, "Images of Lung Disease", Calgary, Alberta, June 24, 1991.

Chairman, Risk Assessment in the Evaluation of Air Quality (VOC, NO_x, SO_x, ozone and particulates), "Overview of Lung Responses to Air Pollution," National Workshop on the Characterization of Risks to Humans and the Environment, Hull, Quebec, June 23, 1993.

Anatomisches Institut, Universität Bern, Einladung zu einem ausserordentlichen Institutskolloquium, "Structural Changes in the Airways in Asthma: New Insights into Pathogenesis," Bern, November 16, 1994.

Annual Scientific Meeting of the Thoracic Society of Australia and New Zealand (WA Branch), "Fatal Asthma in Alberta Canada: Insights into Pathogenesis," March 11, 1995.

Sir Charles Gairdner Hospital, Lung Research Group, "Particle Interactions with Airway Surfactant," Nedlands, Western Australia, February 10, 1995.

International Society for Aerosols in Medicine (ISAM), "Airway Surfactant," Hamilton, Ontario, May 16, 1995.

Invited Addresses (Cont.)

Green FHY. Airway surfactant, a primary defense barrier: Mechanical and immunological aspects. DRDS Seminar, Centers for Disease Control and Prevention, Laboratory Investigations Branch, March 1996.

Green FHY. Surfactant and asthma. Invited speaker, World Congress on Lung Health, Florence Italy, August 30 – September 3, 2000.

Green FHY. Surfactant – A viable treatment for acute asthma. Asthma and Hypersensitivity, Emerald Lake Conference, September 27-30, 2001.

Green FHY. Interstitial lung disease: diagnostic challenges, recent insights into pathogenesis and treatment. CME Rounds, Department of Pathology & Laboratory Medicine, Calgary Laboratory Services/University of Calgary, October 11, 2001.

Green FHY. Overview of pulmonary fibrosis. Fourth Annual Scientific Symposium, “Remodeling and repair in respiratory disease,” Lovelace Respiratory Research Institute, Santa Fe, New Mexico, October 14-17, 2001.

Green FHY. Surfactant for the treatment of asthma: theoretical basis and recent experimental evidence. Anatomisches Institut, Berne University, May 8, 2002.

Green FHY. 2nd Milton R. Hales Lectureship in Pathology, Robert C. Byrd Health Sciences Center of West Virginia University, June 2002.

Green FHY. Chair, Scientific Session #4, ROS/RNS and Gene Expression in Cancer and Fibroproliferative Diseases, 3th International Conference on Oxygen/Nitrogen Radicals: Cell Injury and Disease, Center for Disease Control, Morgantown, West Virginia, June 1-5, 2002.

Green FHY and Cecile Rose. Medical insights for black lung advocates. National Coalition of Black Lung & Respiratory Disease Clinics Annual Conference, Pittsburgh, Pennsylvania, Thursday, September 18, 2003.

Green FHY. Emphysema in coal workers’ pneumoconiosis: contribution of coal and cigarette smoking. National Coalition of Black Lung & Respiratory Disease Clinics Annual Conference, Pittsburgh, Pennsylvania, Thursday, September 18, 2003.

Green FHY. Responder to seminar given by Leslie Mansfield, Attorney, “Smoking and COPD.” National Coalition of Black Lung & Respiratory Disease Clinics Annual Conference, Pittsburgh, Pennsylvania, Saturday, September 18, 2003.

Green FHY. Asthma remodelling – implications for therapy. Merck Frosst presentation, Montreal, Wednesday, November 26, 2003.

Invited Addresses (Cont.)

Green FHY, Chan AW, Roth L, Karkhanis A, Bureau A, Tough S, Butt J, Lester W, Mitchell I. Cardiac and adrenal pathology in asthma. ERS Annual Congress, Glasgow, Scotland, September 3-8, 2004. Presentation will be made accessible online via the ERS Website.

MacEachern P, Viner S, Green FHY, Helmersen D. Lymphangiomyomatosis (LAM) presenting as severe pulmonary hypertension. Presented at the *American College of Chest Physicians 2004*, Seattle, Washington, October 23-28, 2004.

Green FHY. The National Coal Workers' Autopsy Study. National Black Lung Coalition and Respiratory Disease 2004 Annual Conference, St. Louis, Missouri. September 22-26, 2004.

Green FHY. Lung structure from fractal geometry and the living cell. *8th Annual Lovelace Respiratory Symposium*, Concepts in inhalation toxicology and pulmonary drug development. September 19, 2005.

Green FHY. Relative roles of coal mine dust and smoking in emphysema. *National Coalition of Black Lung and Respiratory Disease Clinics Conference*, Denver, Colorado, October 27, 2005.

Green FHY. Environmental cause of lung disease: an overview. *Society of Toxicologic Pathology*, Denver, Colorado, June 18-22, 2006.

Nadoo R and Green FHY. Coal workers pneumoconiosis: a comparison of South African and North American experience. *South African Respiratory Society Meeting*, Cape Town, South Africa, March 2007.

Green FHY. Idiopathic pulmonary fibrosis and occupational & environmental exposures. *National Coalition of Black Lung and Respiratory Disease Clinics Conference*, Oglebay State Park, Wheeling, WV, September 10-12, 2007.

Tabak J, Montgomery M, Green FHY. Cystic fibrosis. *2008 Alberta Respiratory Disease Symposium*. Banff, Alberta, April 20, 2008.

Green FHY. Facilitator for thematic poster session, "Pulmonary Toxicology." *ATS 2008*, Toronto, Ontario, Wednesday, May 18, 2008.

Green FHY. Silica exposure and emphysema. *National Coalition of Black Lung and Respiratory Disease Clinics Conference*, Sheridan, Wyoming, September 15-16, 2008.

Green, FHY. Chair and Speaker. High resolution microscopy of BAL in cystic fibrosis infants: new developments. Alberta Respiratory Disease Symposium (ARDS) 2008. Banff, Alberta.

Green, FHY. Using light microscopy for the diagnosis of lung infections. *Cystic Fibrosis Information Day 2009*. Alberta Children's Hospital, April 18, 2009.

Green FHY, Petsonk L, Rose C. Advanced and rapidly progressive pneumoconiosis data from the West Virginia OP program/interstitial pulmonary fibrosis and coal mine dust exposure. *National Coalition of Black Lung and Respiratory Disease Clinics, Inc. 2010 National Conference*, Tennessee, September 27-28, 2010.

Green FHY. Success Story. *CIHR Interactive Workshop Commercialization Program* hosted by University Technologies International and CIHR. University of Calgary, March 23, 2011.

Green FHY. Controversies in the pathology of coal miners' disease. National Coalition of Black Lung and Respiratory Disease Clinics, October 4, 2011.

Green FHY. A new drug technology to open obstructed airways. 7th Allergen CIC conference, Toronto, Ontario, November 8, 2011.

Green FHY. Pathology of UBB miners and analysis of the pathology of recently diagnosed complicated pneumoconiosis. ORHP – Black Lung Clinics Program, Bethesda, Maryland, September 24, 2012.

SolAeroMed S-1226 – Update on a rescue treatment for severe asthma. 8th Allergen CIC Conference, Toronto, Ontario, November 13, 2012.

Green FHY. Pathology and possible causes of rapidly progressing CWP. West Virginia Black Lung Clinics Program, Pipestem, West Virginia, June 5-7, 2013.

Najmuddin A, Petsonk EL, Regier M, Young B, Tramma SL, Cohen R, MacNeill S, Green FHY, Abraham JL, Churg A. Lung pathology in coal workers with rapidly progressive pneumoconiosis: a preliminary report. IPXI Inhaled Particles XI, British Occupational Hygiene Society, Nottingham Trent University Conference Centre, Nottingham, September 2013.

Green F. Anti-Wheeze: a rescue therapy for acute asthma. CLS Innovation Day, Diagnostic and Scientific Centre (DSC), November 2013.

Green F. Overview of the Prairie Provinces Studies of Fatal Asthma – Design, Methods, and Biobank, Exploring Collaborations in Asthma Research Between UCSF/SABRE and the University of Calgary, University of California, May 6, 2014.

Green F. A New Rapidly Progressive Form of Coal Workers Pneumoconiosis. Environmental Pathology Sessions 2014. Bangkok, Thailand, October 8, 2014.

Green F. (co-chair) Emergence of Mesothelioma in Asia Pacific Rim. Environmental Pathology Sessions 2014. Bangkok, Thailand, October 7, 2014.

Green F. The Changing Face of Occupational Lung Disease. Continuing Medical Education Rounds, Foothills Medical Centre, May, 14 2015.

Green FHY. Pathology of Black Lung Updates. 2015 Black Lung Conference. Pipestem, West Virginia, June 4, 2015.

X. PUBLICATIONS/PRESENTATIONS

(i) Peer Reviewed Manuscripts

1. **Green FHY**, Fox H. An immunofluorescent study of the distribution of immunoglobulin-containing cells in the normal and the inflamed human gallbladder. *Gut* 13:379-384, 1972.
2. Perks WH, **Green FHY**, Gleeson MH. A case of purpura hyperglobulinaemia of Waldenstrom studied by skin immunofluorescence. *Brit J Dermatol* 91:563-568, 1974.
3. **Green FHY**, Fox H. The distribution of mucosal antibodies in the bowel of patients with Crohn's disease. *Gut* 16:125-131, 1975.
4. Rebello R, **Green FHY**, Fox H. A study of the secretory immune system of the female genital tract. *Brit J Obst Gynaec* 82:812-817, 1975.
5. Lloyd G, **Green FHY**, Fox H, Mani V, Turnberg LA. Mast cells and immunoglobulin E in inflammatory bowel disease. *Gut* 16:861-866, 1975.
6. Freed DLJ, **Green FHY**. Do dietary lectins protect against colonic cancer? Letter to *Lancet* 2(7947):1261-1262, 1975.
7. Burdett K, **Green FHY**, Reed C. Enzyme changes in rat small intestine during pregnancy and lactation. *Histochemical J* 10:343-347, 1975.
8. Mani V, Lloyd G, **Green FHY**, Fox H, Turnberg LA. Treatment of ulcerative colitis with oral disodium cromoglycate: a double-blind controlled trial. *Lancet* 1:439-441, 1976.
9. **Green FHY**, Freed DLJ. Gluten toxicity in coeliac disease. *Lancet* 1(7962):749, 1976.
10. **Green FHY**, Carty J. Coeliac disease and autoimmunity. *Lancet* 1(7966):964, 1976.
11. **Green FHY**, Whitehead S, Fox H. Abnormalities of the local immune systems in intestinal neoplasia. *J Path* 122:56-61, 1977.
12. Freed DLJ, **Green FHY**. Antibody facilitated digestion and its implications for infant nutrition. *Early Human Development* 1:107-112, 1977.
13. Gnepp D, **Green FHY**. Scanning electron microscopy of collecting lymphatic vessels and their comparison to arteries and veins. *Scanning Electron Microscopy* 111:757-762, 1979.

Peer-Reviewed Manuscripts (Cont.)

14. Olenchock SA, Mentnech MS, Mull JC, **Green FHY**. Complement, polymorpho-nuclear leukocytes and platelets in acute experimental respiratory reactions due to Aspergillus. *Comp Immun Microbiol Infect Dis* 2:113-124, 1979.
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