



Posted 6.24.2020 at 4:00pm by JAD

**SELECT BOARD
AGENDA
Tuesday, June 30, 2020
6:00pm**

The Select Board Regular Meeting is being held virtually in accordance with the Governor's Executive Order Suspending Certain Provisions of the Open Meeting Law, G.L.c.30A. S.20. Interested individuals can listen in and participate by phone and/or online by following the link and phone # below.

Topic: Select Board

Time: June 30, 2020 07:00 PM Eastern Time (US and Canada)

Join Zoom Meeting:

<https://us02web.zoom.us/j/89821210439?pwd=OGp5cWdKYW1ieGpMQkVoZCt4cGszdz09>

Meeting ID: 898 2121 0439

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Agenda Items

Appointments

- 1) Board of Health: Meet with Chris Mitchell, new volunteer and Tom Phillipou, current board member
- 2) Conservation Commission: Meet with Eve Wittenberg, Daniel Tracey and Michael Maglothin, new volunteers and Jaye Waldron, Mark Shaw, Jim Burns current members



Town of Harvard

13 Ayer Road

Phone: (978) 456-4100

Volunteer Form

Good Government Starts with You

Date Submitted: May 12, 2020

Name: Christopher B Mitchell

Home Address: 57 Westcott Road
HARVARD, MA 01451

Mailing Address: 57 Westcott Road
HARVARD, MA 01451

Phone Number(s): [REDACTED]

Email Address: chris.b mitchell18@gmail.com

Current Occupation/Employer: Consultant / Self Employed

Have you previously been a member of a Board, Committee or Commission (either in the Town of Harvard or elsewhere)? Yes

If yes, please list the Board name and your approximate dates of service:

Please see Community Affiliations on page 3 of my resume

Are you a registered voter? Yes

Do you, your spouse, or your employer have any current or potential business relationship with the Town of Harvard that could create a conflict of interest? Yes

If YES, please describe the possible conflict:

Both me and my wife Judy Swift Mitchell are members of the Harvard Ambulance Service. I do not see a conflict.

Narrative: I currently work from my house in Harvard and have a flexible schedule with time to contribute to the Board of Health. I am a registered professional geologist and have specialty education and 30+ years of environmental consulting experience looking at the impact of contaminants and development on water quality, human health and the environment.

Board(s) / Committee(s): ___ BOARD OF HEALTH

Christopher B. Mitchell, PG

978-697-9774

chris.b.mitchell18@gmail.com

[linkedin.com/in/chrisbmitchell](https://www.linkedin.com/in/chrisbmitchell)

Operations / Program Manager

Started as a field geologist, progressing through senior technical, management and leadership roles to deliver complex multi-disciplinary projects. Skilled operations leader with extensive experience in client development, risk management and financial controls. Demonstrated track record as a strategic manager of growth, people, projects, internal/external clients, subcontractors, scientific programs and projects, and operational budgets.

Experience

Senior Vice President and Chief Operating Officer

Apex Companies, LLC, Rockville, MD

2018 –2019

Recruited to deliver 2018 financial plan, improve operational discipline and position this award-winning water resources, environmental services & industrial hygiene company for a change-of-ownership transaction. Scope included project delivery and operations management, Health & Safety, Quality, Contracts and Real Estate. Managed 3 regions organized in 18 divisions, with 750+ employees in over 40 locations.

- Generated 2018 gross operating revenue of \$190 M+, \$100 M+ net and EBITA of \$20 M+
- Managed company project delivery, contracts and Health & Safety, addressing specific program failures by implementing new processes that improved performance leading a shift to a safety culture.
- Responsible for delivering multi-state storm water and surface water monitoring and compliance programs across the US.
- Successfully transitioned ownership of Apex to a new private equity partner with significant employee participation in November 2018.
- Managed a geographically, culturally and technically diverse workforce.

Vice President and Director of Operations – Northeast Environment

AECOM, Chelmsford, MA

2006 – 2018

Drove project delivery and P&L for Environment Practice. Led 650+ employees to improved performance by reorganization of independent operating companies into cohesive business lines.

- Principle in Charge, and Project Director, for \$50 Million natural gas permitting of Northeast Energy Direct Project including region wide natural and cultural resource field studies in support of the permit application. Coordinated and negotiated subcontracts with multiple team members and prime contractor to AECOM's advantage.
- Produced expanded revenues with major clients including UTC, Stanley, Textron, ConAgra, National Grid, Eversource, US Army Corps of Engineers, US Navy, USEPA, Williams, Kinder Morgan and Deepwater Wind. Projects included comprehensive groundwater and surface water studies and remediation.

Christopher B. Mitchell, PG

- Unseated a strong incumbent to successfully deliver US Army Corps of Engineers Environmental Service and Hazardous Toxic Radioactive Waste contracts.
- Teamed on the integration of three major acquisitions: URS, Earth Tech and RETEC.
- Integrated and managed geographically and culturally diverse staff from many legacy companies. Responsibilities included administrative and personnel management, directing staff assignments, workload leveling and forecasting and annual performance reviews.
- Chosen from a select pool of AECOM leadership to participate in a Leadership Development Program at UCLA - Anderson School of Management.

Water and Natural Resource Department Manager/ Director of Government Programs

ENSR, Westford, MA

1997 – 2006

Joined ENSR following their acquisition of Fugro's Environmental Practice. Served in a number of market-facing and operational roles.

- Managed Water and Natural Resources Department with 65 staff and annual budget of \$35 Million, overseeing projects across a wide range of water and natural resource issues. Interacted with state and federal regulators, developed proposals for project funding, managed and delivered scientific reports, recommendations and remedial designs. Under my direction the department staff supported a number of coastal, marine wind projects.
- Oversaw comprehensive surface water and storm water monitoring programs for Massachusetts Highway Department and Massachusetts Department of Conservation.
- Led Northeast Government Programs; won and delivered contracts for USACE, US Navy, GSA Contract, and NHDES / MA State Programs. These programs included projects regulated under CECLA, RCRA, TSCA, Clean Water Act and local State Regulations across New England. Established relationships with staff from private sector teaming partners, federal and state agencies.

Senior Geologist Project Manager/ Client Account Manager / Department Manager

Fugro UK Limited, Manchester / Hamel Hampstead England

1992 – 1996

Full Time Position: 40+ Hours / Week

Moved to the UK following Fugro's acquisition of IEP Inc. This five-week project assignment turned into a 5-year tour, growing the Environmental practice from 5 staff to over 50.

- Initially served as the Remediation Practice Lead to facilitate technology transfer from the US, then shouldered the operational leadership of the practice, partnering with key clients including Shell, Esso, Mobil, BP, Total, National Grid, Dow and United Airlines. Projects included significant hydrogeological studies in support of site investigations.
- Developed staff to deliver strong technical capabilities with a growth mind-set.
- Collaborated in the development of the European Strategy for Fugro Environmental while attending business school, earning an MBA.

Christopher B. Mitchell, PG

Education

MBA – Ashridge Management School (now Hult International Business School, with accredited programs in Cambridge, MA and San Francisco, CA)

MSc Geology – Research Associate Ronald B. Gilmore Analytical Laboratory, responsible for instrument calibration, sample preparation and analysis - University of Massachusetts, Amherst, MA

BA Geology - Lawrence University, Appleton, WI

Certifications and Licenses

Registered Professional Geologist, States of Maine No. 277 and New Hampshire No. 153
Nationally Licensed Emergency Medical Technician and Emergency Outdoor Care Technician

Professional Affiliations

Member 2004 to 2016, **Chair** 2005 through 2008 Massachusetts State Mapping Advisory Committee (SMAC)

Board of Directors - Society of Military Engineers, Boston Post - 2012 - Present

Board of Directors - New England Environmental Business Council - 2018

Advisory Board Member - Association for Environmental Health and Science Foundation 1999 - Present

Community Affiliations

Senior Patroller - National Ski Patrol, Mt. Wachusett, MA – 2008 - Present

Alternate Director - National Ski Patrol, EMARI Region – 2013 - Present

EMT-B -Harvard Ambulance Service / National Registry of EMTs 2015 – Present

Mass Bay Girls Lacrosse League – Broad of Director/ President 2005 – 2009

Town of Harvard Girls Lacrosse Program – 2004 -2007

Town of Harvard Soccer Club – Coach / Board Member / President –1998 – 2005

Town of Kittery Maine, Solid Waste Committee – Chairman – 1989 - 1992

TOWN OF HARVARD

VOLUNTEER APPLICATION (12/02/2008)



Thank you for your interest in serving the town of Harvard. Please complete this application to be kept informed of volunteer opportunities and/or to apply for a specific position or fill a vacancy when one occurs. You may be also be contacted based on your stated areas of interest for other opportunities to volunteer. Your application will be kept on file for 3 years.

Date of Application: May 04, 2020

Applicant Information:

Name: Eve Wittenberg

Address: 103 Prospect Hill Rd, Har [REDACTED]

Home/Work Phone # [REDACTED] **Mobile Phone#** [REDACTED]

Email Address: Ewewittenberg@comcast.net

Indicate below which Board(s) or Committee(s) are of interest to you:

Conservation Commission

Have you previously been a member of a Board, Committee or Commission (either in Harvard or elsewhere)? If so, please list the Board name and your approximate dates of service:
Not in local government (sit on multiple committees professionally)

Do you have any time restrictions? YES NO
Work generally 3 days/week away from Harvard

Are you a registered voter? YES NO

Please list your present occupation and employer (you may also attach your résumé or CV)
Harvard TH Chan School of Public Health; Senior Research Scientist

Do you, your spouse, or your employer have any current or potential business relationship with the Town of Harvard that could create a conflict of interest? (If YES, please describe the possible conflict) No

Please outline any education, special training or other areas of interest you have that may be relevant to the appointment sought.

I hold a doctorate in health policy with a concentration decision science; my training includes research design, epidemiology, statistics, economics, and policy analysis. I am skilled in scientific methods, interpreting and applying policy regulations, and in all aspects of public health. I bring personal experience with the wetlands protection act from developing a site in Harvard from 2015-2018.

Received by Town of Harvard

Return to: Town Of Harvard, 13 Ayer Road, Harvard MA 01451 or email jdoucet@harvard.ma.us

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Date of Application: May 03, 2020

Applicant Information:

Name: Michael Maglothin

Address: 9 Old Littleton Rd., Harvard [REDACTED]

Home/Work Phone # [REDACTED] **Mobile Phone#** [REDACTED]

Email Address: maglothinm@gmail.com

Indicate below which Board(s) or Committee(s) are of interest to you:

Conservation Committee

Have you previously been a member of a Board, Committee or Commission (either in Harvard or elsewhere)? If so, please list the Board name and your approximate dates of service:

No

Do you have any time restrictions?

YES

NO

No

Are you a registered voter?

YES

NO

Please list your present occupation and employer (you may also attach your résumé or CV)

Director of Programs, OSI Systems

Do you, your spouse, or your employer have any current or potential business relationship with the Town of Harvard that could create a conflict of interest? (If YES, please describe the possible conflict) No

Please outline any education, special training or other areas of interest you have that may be relevant to the appointment sought.

Proficient in Geospatial Information System (GIS) data and Computer-Aided Design (CAD)—collection, conversion, and application of data. Almost 20 years leadership in program management and business development within the aerospace and defense technology industry. LinkedIn profile:

<https://www.linkedin.com/in/maglothinm>

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Date of Application: May 13, 2020

Applicant Information:

Name: Daniel Tracey

Address: 149 Shaker Rd Harvard, [REDACTED]

Home/Work Phone # [REDACTED] **Mobile Phone#** [REDACTED]

Email Address: detracey@gmail.com

Indicate below which Board(s) or Committee(s) are of interest to you:

Conservation Commission

Have you previously been a member of a Board, Committee or Commission (either in Harvard or elsewhere)? If so, please list the Board name and your approximate dates of service:

No

Do you have any time restrictions? YES NO

Are you a registered voter? YES NO

Please list your present occupation and employer (you may also attach your résumé or CV)

Retired

See attached Resume

Do you, your spouse, or your employer have any current or potential business relationship with the Town of Harvard that could create a conflict of interest? (If YES, please describe the possible conflict) No

Please outline any education, special training or other areas of interest you have that may be relevant to the appointment sought.

PhD in Biochemistry/Immunology

Career in Pharmaceutical and Biotechnology Research

Volunteer for the past 11 years at the Wildlife Clinic at Tufts School of Veterinary Medicine in Grafton

Completed an 11 week Field Naturalist Certificate Program (classroom and field study) in 2019 at Mass Audubon's Broad Meadow Brook Conservation Center and Wildlife Sanctuary in Worcester

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DANIEL E. TRACEY, PhD

149 Shaker Rd.
[REDACTED]
[REDACTED]
[REDACTED]

PROFESSIONAL SUMMARY

Pharmaceutical R&D executive and consultant with scientific expertise in the discovery and development of biologics for inflammatory diseases. Executive management and leadership background in the pharmaceutical industry (Abbott, Avaxia, BASF, Upjohn) and academic research.

- Research leader in the discovery and development of oral antibodies for the treatment of inflammatory bowel disease, GI acute radiation syndrome and celiac disease
- Independent consultant in pharmaceutical R&D, specializing in inflammation, immunology, cytokine biology and biologics
- Scientific leader for strategic initiatives to broaden the commercialization of immunology-based Biologics programs in cardiovascular and spinal indications
- Senior management of pharmaceutical research and drug discovery in autoimmune diseases, asthma, inflammation, transplantation, infectious diseases and oncology
- Led cellular and *in vivo* pharmacology research for protein and small molecule therapeutics projects from target identification through clinical development and marketing (e.g. HUMIRA, a human monoclonal anti-TNF antibody therapeutic with \$9B annual sales)
- Expertise in cytokine biology, cellular immunology, inflammation, angiogenesis, neuroimmunology, biologics, antibody structure
- Academic research and teaching experience in medical school faculty positions

PROFESSIONAL EXPERIENCE

AVAXIA BIOLOGICS, INC., Lexington, Massachusetts

Research Advisor

2013 – 2017

- Advise and assist management team on research strategy, new projects, experimental design, analysis of research data and documentation of results

Vice President of Research

2011 – 2013

- Lead and manage a research team in the discovery and successful development of orally active bovine anti-TNF antibodies for the treatment of inflammatory bowel disease, GI acute radiation syndrome and potentially other indications
- Lead and manage a research team in the discovery and successful development of orally active bovine anti-gluten antibodies for the treatment of celiac disease
- Executive management team participation in obtaining company funding from investors, grants, contracts and potential partners

TRACEY CONSULTING, LLC, Harvard, Massachusetts**Independent Consultant****2007 - 2011**

- Science-oriented pharmaceutical/biotechnology discovery and early development consultation
- Due diligence evaluations for pharmaceutical companies and investment firms
- Biologics and small molecules
- Inflammation, immunology, cytokine biology, pharmacology, spinal indications, neuroinflammation, antibodies, immunopathology, immunotoxicology, translational medicine

ABBOTT LABORATORIES, Abbott Bioresearch Center, Worcester, Massachusetts**Director, Biologics Scientific Affairs**

2005-07

- Provided scientific support for HUMIRA and ABT-874 mechanism of action studies, new indications, patent applications and regulatory filings
- Wrote manuscripts and scientific sections of patents and regulatory documents for HUMIRA, ABT-874 and other Biologics programs
- Led scientific components of new strategic initiatives across other Abbott divisions to broaden the use of Immunology-based Biologics

Director, Pharmacology/Translational Medicine

2004-05

- Co-led executive management team in Immunology franchise strategic planning, portfolio management, project review, resource allocation and licensing across multiple U.S. sites
- Led Pharmacology department in preclinical evaluation of monoclonal antibody and chemical drug candidates for autoimmune diseases and asthma
- Coordinated preclinical efficacy and PD studies with PK, drug metabolism, toxicology and biomarker studies across departments and global Abbott sites
- Aligned preclinical studies and biomarker identification with clinical parameters to optimize evaluation of drug candidates in clinical development

Director, Pharmacology, Pathology/Toxicology, Bioresources

2001-04

- Executive management and Pharmacology department leadership roles in Immunology research and drug discovery as outlined above
- Led pharmacology and toxicology studies for the development of ABT-325 (anti-IL-18 Ab) and ABT-869 (angiogenesis kinase antagonist)
- Initiated and led an Immunology Disease Mechanism Team of scientists to identify new molecular targets for immunological diseases
- Collaborated with Abbott Oncology colleagues to transfer angiogenesis projects, assays and animal models from Worcester to Chicago
- Initiated and built a Research Pathology and Investigative Toxicology group dedicated to Immunology Drug Discovery
- Restructured and led the Bioresources and Veterinary Care group to optimize technical support for Pharmacology, Pathology/Toxicology and DMPK

BASF CORPORATION, BASF Bioresearch Corporation, Worcester, Massachusetts**Director, Immunology/Pharmacology**

1992-2001

- Management team role in Immunology franchise strategic planning, portfolio management, project review, resource allocation and licensing across multiple sites in U.S. and Germany
- Led Immunology/Pharmacology department in cellular and *in vivo* preclinical research and evaluation of monoclonal antibody and chemical drug candidates for autoimmune diseases (RA, IBD, MS), sepsis and transplantation in collaboration with clinical, safety, regulatory and commercial colleagues across multiple sites in U.S. and Germany
- Directed all preclinical pharmacology studies in the generation (collaboration with CAT), characterization and clinical development of D2E7, a human monoclonal anti-TNF antibody for RA, later marketed by Abbott as HUMIRA
- Directed the preclinical pharmacology studies in partnership with Wyeth in the generation characterization and clinical development of J695/ABT-874, a human monoclonal anti-IL-12 antibody for Crohn's disease and MS
- Led pharmacology studies and wrote the nonclinical pharmacology sections of regulatory documents to support clinical development and registration of SEGARD, a monoclonal anti-TNF antibody fragment for septic shock
- Initiated and played a leadership role in a strategic partnership with Warner-Lambert in ICE/caspase-1 research and drug discovery for RA

UNIVERSITY OF MASSACHUSETTS MEDICAL CENTER, Worcester, Massachusetts**Adjunct Associate Professor, Dept. of Biochem. and Molecular Pharmacology**

1994-2003

- Presented seminars to colleagues at UMMC
- Initiated multiple research collaborations with colleagues at UMMC
- Mentored medical students and graduate students in research internships
- Initiated and coordinated Immunology courses at BASF by UMMC faculty

THE UPJOHN COMPANY, Kalamazoo, Michigan**Associate Director, Hypersensitivity Diseases Research**

1987-92

Visiting Scientist (Sabbatical), National Institute on Drug Abuse, Baltimore, Maryland 1987-88**Senior Research Scientist, Hypersensitivity Diseases Research**

1983-87

Research Scientist, Department of Hypersensitivity Diseases Research

1980-83

JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE, Baltimore, Maryland**Assistant Professor, Department of Medicine, Division of Basic Immunology**

1975-80

Assistant Professor, Department of Microbiology

1978-80

EDUCATION

- Postdoctoral Fellow, Karolinska Institute**, Stockholm, Sweden 1973-75
- Fellow of The Jane Coffin Childs Memorial Fund for Medical Research
 - Advisor: Professor Hans Wigzell
 - Major Fields: Cellular Immunology, Tumor Immunology
- Ph.D., Johns Hopkins University**, Baltimore, Maryland 1968-73
- Thesis Advisor: Professor John J. Cebra
 - Major Fields: Biochemistry, Immunology
- B.S., Tufts University**, Medford, Massachusetts 1964-68
- Majors: Chemistry and Biology

HONORS AND AWARDS

- Editorial Board member: *Arthritis and Rheumatism* 1993-96
- Organizing Committee for the International Workshop on Cytokines 1987-91
- Sabbatical Award from The Upjohn Company to conduct research at NIDA 1987-88
- Principal Investigator of a Research Grant Award from The American Cancer Society 1979
- Principal Investigator of Research Grant Awards from The National Institutes of Health 1976-80
- Principal Investigator of a Research Grant Award from The Jane Coffin Childs Memorial Fund for Medical Research 1975-76
- Postdoctoral Fellowship Award from The Jane Coffin Childs Memorial Fund for Medical Research 1973-75
- Ph.D. Awarded with Distinction, Johns Hopkins University 1973

PATENTS

Inventor on 12 granted patents and active patent applications on TNF inhibitors, anti-IL-12 antibodies, IL-1 antagonists and corticosteroid modulators.

SELECTED PUBLICATIONS (of 60 peer-reviewed publications)

Tracey DE and Cebra JJ. "Primary Structure of the C_H2 Homology Region from Guinea Pig IgG2 Antibodies." *Biochemistry*, 13 (23): 4796-4803 (1974).

Kiessling R, Petranyi G, Karre K, Jondal M, Tracey DE and Wigzell H. "Killer Cells: A Functional Comparison Between Natural, Immune T-Cell and Antibody-Dependent In Vitro Systems." *J. Exp. Med.*, 143: 772-780 (1976).

Tracey DE, Wolfe SA, Durdik JM and Henney CS. "BCG-Induced Murine Effector Cells I. Cytolytic Activity in Peritoneal Exudates: An Early Response to BCG." *J. Immunol.*, 119(3): 1145-1151 (1977).

Tracey DE. "The Requirement for Macrophages in the Augmentation of Natural Killer Cell Activity by BCG." *J. Immunol.*, 123(2): 840-845 (1979).

Richard KA, Mortensen RF and Tracey DE. "Cytokines Involved in the Augmentation of Murine Natural Killer Cell Activity by Pyrimidinones In Vivo." *J. Biol. Response Modifiers*, 6: 647-63 (1987).

Tracey DE, Hardee MM, Richard KA and Paslay JW. "Pharmacological Inhibition of Interleukin-1 Activity on T cells by Hydrocortisone, Cyclosporine, Prostaglandins, and Cyclic Nucleotides." *Immunopharmacology*, 15: 47-62 (1988).

Carter DB, Deibel Jr MR, Dunn CJ, Tomich C-SC, Laborde AL, Slightom JL, Berger AE, Bienkowski MJ, Sun FF, McEwan RN, Harris PKW, Yem AW, Waszak GA, Chosay JG, Sieu LC, Hardee MM, Zurcher-Neely HA, Reardon IM, Henrikson RL, Truesdell SE, Shelly JA, Eessalu TE, Taylor BM, and Tracey DE. "Purification, cloning, expression and biological characterization of an interleukin-1 receptor antagonist protein." *Nature*, 344(6267): 633-638 (1990).

Bienkowski MJ, Eessalu TE, Berger AE, Truesdell SE, Shelly JA, Laborde AL, Zurcher-Neely HA, Reardon IM, Henrikson RL, Chosay JG, and Tracey DE. "Purification and Characterization of Interleukin-1 Receptor Level Antagonist Proteins from THP-1 Cells." *J. Biol. Chem.*, 265(24): 14505-11 (1990).

Webster EL, Tracey DE, Jutila MA, Wolfe Jr. SA, and De Souza EB. "Corticotropin-Releasing Factor Receptors in Mouse Spleen: Identification of Receptor-Bearing Cells as Resident Macrophages." *Endocrinology*, 127(1): 440-452 (1990).

Takao T, Tracey DE, Mitchell WM and De Souza EB. "Interleukin-1 Receptors in Mouse Brain: Characterization and Neuronal Localization." *Endocrinology*, 127(6): 3070-3078 (1990).

Chensue SW, Warmington KS, Berger AE, and Tracey, DE. "Immunohistochemical Demonstration of Interleukin-1 Receptor Antagonist Protein and Interleukin-1 in Human Lymphoid Tissue and Granulomas." *Am. J. Pathol.*, 140(2): 269-275 (1992).

Firestein GS, Berger AE, Tracey DE, and Zvaifler, NJ. "IL-1 Receptor Antagonist Protein Production and Gene Expression: Differences Between Rheumatoid Arthritis, Osteoarthritis, and Normal Synovium." *J. Immunol.*, 149(3): 1054-1062 (1992).

Einspahr HM, Finzel BC and Tracey DE. "Interleukin-1 Receptor Pathway Approaches to Drug Design." In "Rational Drug Design." WV Williams and DB Weiner, eds., CRC Press, Inc., pp 29-50 (1994).

Tracey DE. "Interleukin-1 as a Therapeutic Target." *Ann. Reports Med. Chem.*, 29: 205-214 (1994).

Walker NPC, Talanian RV, Brady KD, Dang LC, Bump NJ, Ferez CR, Franklin S, Ghayur T, Hackett MC, Hammill LD, Herzog L, Hugunin M, Houy W, Paskind M, Pratt CA, Reis P, Summani A, Terranova M, Welch JP, Xiong L, Möller A, Tracey DE, Kamen, R and Wong W. "Crystal Structure of the Cysteine Protease Interleukin-1 β -converting Enzyme: a (p20/p10)₂ Homodimer." *Cell*, 78: 343-352 (1994).

Li P, Allen H, Banerjee S, Franklin S, Herzog L, Johnston C, McDowell J, Paskind M, Rodman L, Salfeld J, Towne E, Tracey DE, Wardwell S, Wei F, Wong W, Kamen R and Seshadri T. "Mice Deficient in IL-1 β -Converting Enzyme Are Defective in Production of Mature IL-1 β and Resistant to Endotoxic Shock." *Cell*, 80: 401-411 (1995).

Ghayur T, Banerjee S, Hugunin M, Butler D, Herzog L, Carter A, Quintal L, Sekut L, Talanian R, Paskind M, Wong W, Kamen R, Tracey D and Allen H. "Caspase-1 processes IFN- γ -inducing factor and regulates LPS-induced IFN- γ production." *Nature*, 386: 619-623 (1997).

Frantz S, Ducharme A, Sawyer D, Rohde LE, Kobzik L, Fukazawa R, Tracey D, Allen H, Lee RT and Kelly RA. "Targeted deletion of caspase-1 reduces early mortality and left ventricular dilatation following myocardial infarction." *J. Mol. Cell. Cardiol.*, 35: 685-694 (2003).

McRae B, Wallace C, Dixon KF, Roux A, Mohan S, Jia Y, Presky DH, Tracey DE and Hirst G. "Suppression of CD4⁺ T cell activation by a novel inhibitor of Src family kinases." *Int. Immunopharm.*, 5: 667-677 (2005).

Tracey D, Klareskog L, Sasso E, Salfeld J and Tak PP, "Tumor Necrosis Factor Antagonist Mechanisms of Action: A Comprehensive Review." *Pharmacology & Therapeutics* 117: 244-279 (2008).

Bhol, KC, Tracey, DE, Lemos, BR, Lyng, GD, Erlich, EC, Keane, DM, Quesenberry, MS, Holdorf, AD, Schlehuber, LD, Clark, SA and Fox, BS, "AVX-470: A Novel Oral Anti-TNF Antibody with Therapeutic Potential in Inflammatory Bowel Disease." *Inflamm Bowel Dis.* 11: 2273-81 (2013).

Hartman DS, **Tracey DE**, Lemos BR, Erlich EC, Burton RE, Keane DM, Patel R, Kim S, Bhol KC, Harris MS, Fox BS. "Effects of AVX-470, an Oral, Locally Acting Anti-Tumour Necrosis Factor Antibody, on Tissue Biomarkers in Patients with Active Ulcerative Colitis." *J Crohns Colitis.* 10: 641-9 (2016).