



Tamàs Fülöp, M. D., Ph. D., FRCPC, FCAHS

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WORK ADDRESS Research Center on Aging
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PROFESSIONAL AFFILIATION Full professor
Department of Medicine
Geriatric Division
Department of Radiobiology and Nuclear Medicine
Université de Sherbrooke

Researcher
Gerosciences axis
Research Center on Aging
University Institute of Geriatrics of Sherbrooke

DATE OF BIRTH December 30th, 1953

CITIZENSHIP Canadian

LANGUAGES French, English and Hungarian (written and spoken)
German, Russian (written)

CURRENT APPOINTMENTS

- **Full professor**, Department of Medicine, Geriatric Division and Department of Radiology and Nuclear Medicine, Université de Sherbrooke (UdeS)
- **Director** of the Biopharmaceutic Unit of the Research Center on Aging
- **Geriatrician**, University Institute of Geriatrics of Sherbrooke and Centre Hospitalier Universitaire de Sherbrooke (CHUS)
- **Senior researcher**, Research Center on Aging, Gerosciences Axis

METRICS

RG score: 47.63 (My score is higher than 97.5% of ResearchGate members).

H-index: 60 (excluding self-citations).

Council of Canadian Academies/Conseils des Académies Canadiennes: According to a 2016 analysis, I am author of one of the top 1% most highly cited papers in my field worldwide.

Citations: 13,518

RESEARCH INTERESTS

Gerontology-Geriatrics: Immunology, Aging, Vaccination, Nutrition, Cancer, Signal transduction pathways, Oxidative metabolism, Apoptosis, Cellular ageing

Angiology-Atherosclerosis: Free radicals, Elastase-elastin, Apoptosis, Calcium metabolism, Biological effects of oxidised lipoproteins, Arterial inflammation

Alzheimer's Disease: Neuroinflammation, Immune signature, Role of microbes, Role of amyloid beta, Computational modelization, 3D minibrain from iPSC

DIPLOMAS, BOARD CERTIFICATIONS AND TRAINING

2012	Specialty in Geriatrics, Royal College of Physicians of Canada (FRCPC)
2002	Specialty in Geriatrics, CSPQ, FRCP(C), Medical College of Québec
2001	Specialty in Geriatrics, Hungary
1987-1991	Doctor of Sciences (D.Sc.), Academy of Sciences, Hungary
1989	Clinician in Clinical Pharmacology, Hungary
1986-1987	Postdoctoral Fellow, Biochemistry and Immunology of Connective Tissue, Université de Paris VII, France (Laboratory of Pr L. Robert)
1985	Specialty in Internal Medicine, National Certification Board
1981-1985	Ph.D., University of Debrecen, Hungary
1974-1980	M.D., Université de Genève, Switzerland

AWARDS AND RECOGNITIONS

2020	Prix de reconnaissance de la Société Québécoise de la Gériatrie
2019	Fellow of the Canadian Academy of Health Sciences (FCAHS)
2018	Prix de la Recherche et de la création de l'Université de Sherbrooke
2017-2020	Tableau d'honneur du doyen, Faculty of Medicine and Health Sciences, Université de Sherbrooke
2001-	Fellow of the Gerontological Society of America (Biological section)
1997	Presidential Award, International Association of Gerontology
1989	First price, Haranghy Award

INSTITUTIONAL AND PROFESSIONAL APPOINTMENTS

Present

2015-	In charge of the Oncogeriatric clinic at the CHUS
2008-	Member, « <i>Conseil d'Évaluation de l'Acte Médical du CHUS</i> » (Nutrition)
2006-	Director, Biopharmaceutic Unit of the Research Center on Aging
1993-	Senior Researcher, Research Center on Aging, Gerosciences Axis
1993-	Director, Immuno-inflammatory laboratory, Research Center on Aging
1993-	Geriatrician, University Institute of Geriatrics of Sherbrooke and Centre Hospitalier Universitaire de Sherbrooke (CHUS)

Past

2006-2010	Head, Division of Geriatrics, Department of Medicine, Université de Sherbrooke
2006-2010	Head, Department of Specialised Medicine, University Institute of Geriatrics of Sherbrooke
2004-2015	Member of " <i>Conseil d'Évaluation de l'Acte Médical</i> ", University Institute of Geriatrics of Sherbrooke (Pharmacology)
2004-2012	Medical director, Memory clinic, University Institute of Geriatrics of Sherbrooke
2004-2012	Director, Geriatric Outpatient Clinics, University Institute of Geriatrics of Sherbrooke
1999-2017	Adjunct director for clinical research, Research Center on Aging
1993-2004	Coordinator of the "Axe de recherche physique et biologique", Research Center on Aging
1985-1993	Head of the Geriatric Section, Department of Internal Medicine, University Medical School of Debrecen, Hungary

ACADEMIC APPOINTMENTS

Present

2016-	Member, Council of the Faculty of Medicine
1999-	Full professor, Faculty of Medicine and Health Sciences, Department of Medicine, Geriatric Division and Department of Radiobiology and Nuclear Medicine, Université de Sherbrooke

1993- Physician, Université de Sherbrooke, University Institute of Geriatrics of Sherbrooke and CHUS

Past

2012-2013 Visiting professor, University of Tübingen (Pr Pawelec); University of Birmingham (Pr Lord); Université Paris VI Pierre et Marie Curie (Pr Friguet)

2002-2003 Associate professor, CHU Besançon, Department of Geriatrics and Physiology

2002-2003 Visiting professor, CHU Clermont Ferrand, Department of Geriatrics and Nutrition (Pr Lesourd); INRCA in Ancona, Section of Genetics, Immunology and Nutrition (Pr Moccheggiani)

2000-2017 Co-director of the Geriatrics teaching programme for undergraduate students, Université de Sherbrooke

1994-1999 Associate professor, Faculty of Medicine and Health Sciences, Department of Medicine, Geriatric Division and Department of Radiobiology and Nuclear Medicine, Université de Sherbrooke

1993-1994 Assistant professor, Faculty of Medicine and Health Sciences, Université de Sherbrooke

1992 Visiting professor, Tokyo Metropolitan Institute of Gerontology, Tokyo, Japan (Pr Hirokawa)

1988-1993 Associate professor, First Department of Medicine, University Medical School of Debrecen, Hungary

1988 Visiting professor, Tokyo Metropolitan Institute of Gerontology, Tokyo, Japan (Pr Hirokawa)

1987 Visiting professor, Institut Universitaire de Gériatrie, Centre de Soins Continus, Genève, Switzerland (Pr Rapin)

1986-1987 Postdoctoral fellow, Laboratoire de Biochimie du Tissu Conjonctif, UA CNRS 1074, Université de Paris XII, Faculté de Médecine, Créteil, France (Pr Robert)

1984 Visiting professor, Institute of Gerontology, Academy of Sciences of USSR, Kiev (Pr Butenko)

1980-1988 Assistant professor, First Department of Medicine, University Medical School of Debrecen, Hungary

KNOWLEDGE TRANSLATION AND MEETING ORGANIZATION

Present

2019 President and co-organizer, Biology of Aging International Symposium III

2018 Member, International Scientific Committee of the Congrès International Francophone de Gériatrie et Gériatrie, Montreux

2018- Researcher's delegate of the Université de Sherbrooke, "Comité d'orientation du Réseau Québécois de Recherche sur le Vieillissement »

2016- Member, Publication and Leadership Committee of the Gerontological Society of America (GSA) representing the Biological section

2008- Member, Axe Cognition, Réseau Québécois de Recherche sur le Vieillissement

2000- Member, Axe Nutrition, Réseau Québécois de Recherche sur le Vieillissement

1998- Member, Education Committee of the Canadian Geriatrics Society (CGS)

Past

2017 Member of the Organization Committee, International Conference on Biology of Aging, Singapore

2016 President of the Organization Committee, 2nd International Symposium, Sherbrooke: Paving the way for the future

2015 Member of the Organization Committee, International Conference on Biology of Aging, Singapore

2014 President of the Organization Committee, International Symposium, Sherbrooke: From cells

- to clinic
- 2014 Member of the Organization Committee, CIFGG, Liège
- 2011 Member of the Organization Committee, Société Internationale d'Oncogériatrie (SIOG), Paris
- 2010 Member of the Organization Committee, CIFGG, Nice
- 2008 Member of the Organization Committee, Société Internationale d'Oncogériatrie (SIOG), Montréal
- 2007 Member of the Organization Committee, Congrès de technologie et vieillissement
- 2006 Member of the Organization Committee, Symposium "Inflammation, Insulin Resistance and Chronic Diseases", CSCN, Edmonton
- 2005-2012 President, Québec Geriatric Society
- 2005 Member of the Organization Committee, Symposium on Alzheimer, Immune Response and Oxidative Stress, McGill University
- 2005 Member of the Organization Committee, Onco-geriatric symposium, Montreal
- 2004-2008 Member of the Executive Committee, Gerontological Society of America GSA, Biological section
- 2003-2015 Member of the Executive Committee, Québec Geriatric Society
- 2003-2005 Vice president, Québec Geriatric Society
- 2001 Member of the Organization Committee, XVIIIth International Congress of Gerontology, Vancouver
- 1997 Member of the Organization Committee, XVIth International Congress of Gerontology, Adelaide
- 1996 Member of the Organization Committee, First Congress of Immunology and aging, Washington,
- 1993 Member of the Organization Committee, XVth International Congress of Gerontology, Budapest
- 1989 Member of the Organization Committee, First National Congress of Gerontology, Hungary

EXTERNAL COMMITTEES

Present

- 2019- Member, Royal Society of Medicine (London)
- 2019- Member, National Vaccine Advisory Board, Sanofi-Pasteur and Pfizer
- 2016- Member, Canadian Network Aging and Cancer (CNAC)
- 2015- Member, Canadian Society of Immunology
- 2015- Member, American Association of Immunologists
- 2015- Site director, Canadian Consortium of Neurodegenerative Diseases Related to Aging (CCNA)
- 2014- Vice president, International French Association of Gerontology and Geriatrics
- 2010- Member, International Society of Vascular Behavioral and Cognitive Disorders (Vas-Cog)
- 2010- Member, International Zinc Society
- 2008- Representative, Consortium of Canadian Centres for Clinical Cognitive Research (C5R)
- 2003- Vice president, Central Ethical Committee of the FRQS by nomination of the Health Minister
- 2002- Member, Association francophone pour le savoir (ACFAS)
- 2000- Member, Canadian Gerontological Society
- 1998- Member, Canadian Geriatrics Society
- 1998- Member, Canadian Society of Atherosclerosis, Thrombosis and Vascular Biology (CSATVB)
- 1998- Member, Société Québécoise de Lipidologie, de Nutrition et de Métabolisme (SQLNM)
- 1994- Member, Society for Leukocyte Biology
- 1994- Member, Gerontological Society of America
- 1994- Member, American Geriatrics Society
- 1994- Member, American Society for Cell Biology
- 1989- Member, International Association of Gerontology

Past

2010-2014	Member, Executive Committee of International French Association of Gerontology and Geriatrics
2008-2010	President, International French Association of Gerontology and Geriatrics
2003-2013	Member, Scientific Committee, Club Francophone de Gériatrie et Nutrition (CFGN)
1995-2005	Member, Immunology and Aging, Europe Consortium
1993-1997	Treasurer, International Association of Gerontology
1993-1997	Member, Executive committee of the International Association of Gerontology
1985-1993	Member, IAG European Biological Section
1985-1993	Member, European Society for Medical Philosophy and Health System
1985-1993	Member, European Association for Palliative Care
1994-1998	Member, « Conseil Consultatif en Pharmacologie en Vieillesse du Gouvernement du Québec »
1985-1993	Vice President, Alliance Française, Debrecen, Hungary
1985-1993	Head of medical affairs, Local section of the Association Hungaria-Helvetia, Debrecen
1985-1993	Chairman, Gerontological Working Committee of the local organisation of the Hungarian Academy of Sciences, Debrecen, Hungary

EXTERNAL JOURNAL REVIEWS

- Exp. Gerontol. (50) ***Outstanding reviewer status**
- Journal of Immunology (15)
- Archives of Gerontology and Geriatrics (10)
- Aging Research Reviews (12) ***Outstanding reviewer status**
- Clinical Science (2)
- Canadian Journal of Aging (1), Steroids (1)
- Aging Cell (7)
- Biogerontology (31)
- Free Radicals in Biology and Medicine (2)
- Journal of Leukocyte Biology (25)
- Immunity Aging (10)
- Mechanisms of Ageing and Development (15) ***Outstanding reviewer status**
- Molecular Endocrinology (1)
- Physiological Research (1)
- Blood (1)
- Pathologie Biologie (2)
- Biochimica Biophysica Acta (2)
- Journal of Alzheimer Disease (12)
- PLoS ONE (5)
- Science Immunology (1)
- Journal of European Geriatrics (10)
- BMC Geriatrics (15)
- Frontiers in Immunology (2)
- Frontiers in Neuroscience of Aging (2)
- Clinical and Experimental Immunology (5)
- Journal of Gerontology (10)
- Neurobiology of Aging (7)
- European Geriatric medicine (7)
- and many others

EDITORIAL BOARDS

Present

Editor-in-Chief: Gerontology (Karger)
Editor-in-Chief, Interdisciplinary Topics in Gerontology and Geriatrics (ITGG) (Karger)
Section Editor, Immunity and Aging
Associate Editor, BMC Geriatrics
Editor-in-Chief, Advances in Geriatric Medicine and Research
Member, Editorial Board, Gerontology
Member, Editorial Board, Frailty and Aging
Member, Editorial Board, European Geriatrics Medicine
Member, Editorial Board, Journal of Immune Research
Member, Editorial Board, Journal of Geriatrics and Palliative Care
Member, Editorial Board, Biogerontology
Member, Editorial Board, BioMedicine Hub
Member, Editorial Board, PeerJ
Member, Editorial Board, Helyon
Member, Editorial Board, Aging Research Reviews
Member, Editorial Board, J. Alzheimers. Dis.

Past

Editor-in-Chief, Current Gerontology and Geriatrics Research
Associate Editor, Aging: Immunology and Infectious Disease
Member, Editorial Board, Archives of Gerontology and Geriatrics

GRANT REVIEWER FOR GRANTING AGENCIES

Present

FRQNT: Postdoctoral Fellowship Committee
MRC: British Medical Research Council
FQRNT: Foreign Postdoctoral Grant Committee (internal reviewer)
ARC: Arthritis Research Campaign
BBRC: British Biological Research Council
EU: European Union, Biosciences, Brussels
Wellcome Foundation: United Kingdom
PNRA: National Research Programme on Food and Human Nutrition, Paris
FWF: Austrian Research Council, Vienna
ANR: Agence Nationale de la Recherche, France
FWO: Belgian Research Council

Past

NIH-NIA: Bethesda, DC
FRSQ: Member, internal board for grant proposals in clinical research

EXTERNAL MEMBER OF MULTICENTRIC TRIALS

2003-2007	Member, Steering committee of ZINCAGE Study, Multicentric European Commission Funded (Pr Mocchegiani)
2002-2005	T-Cells in Ageing (T-CIA), Multicentric European Commission Funded (Pr Pawelec)
2000-2002	Immunology and Ageing in Europe (ImAginE) (Pr Pawelec)
1994-1997	Concerted Action on the Molecular Biology of Immunosenescence (EUCAMBIS), Multicentric European Commission (Pr Pawelec)

TEACHING ACTIVITIES

Present

2010-	Lectures on free radicals, Ph.D. students
2010-	Lectures on Theories of Aging, Ph.D. programme of Gerontology
2005-	Training of M.D. undergraduate students, Haematology (tutorial)
2000-	Lectures on Development-Growth and Ageing
1999-	Lectures on Geriatrics
1998-	Lectures and seminars in the Immunology graduate programme
1994-	Training of M.D. undergraduate students, Geriatrics (tutorial)
1994-	Traning of M.D. undergraduate students, Geriatrics clinical skills
1994-	Training of M.D. residents in geriatrics (15)

Past

Lectures on Internal medicine (Hungarian and English)
Lectures on Medical ethics
Lectures on Geriatrics

RESEARCH SUPERVISION AND MENTORING

Currently under supervision

2020-	Adrien Zimmer	MSc student	Université de Sherbrooke
2018-	Hugo Parent-Roberge	Ph.D. student	Université de Sherbrooke
2018-	Usma Munawara	Post-doctorate	Université de Sherbrooke
2018-	Guillaume Provost	M.Sc. student	Université de Sherbrooke
2017-	Parker Andersen	Post-doctorate	Université de Sherbrooke
2017-	Anne-Marie Deroy	M.Sc. student	Gerontology
2017-	Mohammed Mathlouthi	M.Sc. student	Clinical Sciences
2016-	Seyed-Mahdi Sedighi	M.Sc. student	Université de Sherbrooke

Supervised in the past

2017-2018	Echarki Zerif	Post-doctorate	Université de Sherbrooke
2016-2018	Wael Lachiheb	M.Sc.	Université de Sherbrooke
2016-2017	Alexandre Courchesnes-Loyer	Post-doctorate	Université de Sherbrooke
2016-2017	Krzysztof Pietruszczuk	Post-doctorate	Université de Sherbrooke
2015-2017	Sylvain Vigier	Post-doctorate	Université de Sherbrooke
2013-2015	Julie Lamoureux	M.Sc.	Université de Sherbrooke
2012-2016	Pamela Camponova	Ph.D.	Université de Sherbrooke
2012-2017	Geneviève Nolze-Charron	M.D., M.Sc.	Université de Sherbrooke
2012-2015	Karine Bourgade	Ph.D.	Université de Sherbrooke
2011-2014	Sarra Baehl	Ph.D.	Université de Sherbrooke
2011-2016	Aurélie Le Page	Ph.D.	Université de Sherbrooke
2011-2014	Annie Morin	Ph.D.	Université de Sherbrooke
2011	Pamela Boucher	B.Sc.	Université de Sherbrooke
2010	Nancy Allard	B.Sc.	Université de Sherbrooke
2008	Andrée-Anne Brown	B.Sc.	Université de Sherbrooke
2008	Xuan Lan Nguyen	B.Sc.	Université de Sherbrooke
2007-2009	Lisabeth Villeneuve	M.Sc.	Université de Sherbrooke
2006-2010	Marie-Soleil Nadeau	B.Sc.	Université de Sherbrooke
2006-2010	Cynthia Landry	Ph.D.	Université de Sherbrooke
2006-2009	Pascal Brassard	Post-doctorate	Université de Sherbrooke

2006-2007	Andru Tomoiu	Post-doctorate	Université de Sherbrooke
2005	Marilyne Tousignant	B.Sc.	Université de Sherbrooke
2005	Isabelle Lévesque	B.Sc.	Université de Sherbrooke
2004-2006	Carl Fortin	M.Sc.	Université de Sherbrooke
2003-2006	Amélie Grenier	M.Sc.	Université de Sherbrooke
2003	Clément Desrochers	B.Sc.	Université de Sherbrooke
2003	Saber Gherairi	B.Sc.	Université de Sherbrooke/France
2003	Karl-Philippe Guérard	B.Sc.	Université de Sherbrooke
2003	Hughes Pelletier	B.Sc.	Université de Sherbrooke
2001-2010	Francine Therrien	Ph.D.	Université de Sherbrooke
2001-2003	Marie-Noëlle Caron	M.D./M.Sc.	Université de Sherbrooke
2000-2005	Anis Larbi	M.Sc./Ph.D.	Université de Sherbrooke
1999	Annie Linteau	B.Sc.	Université de Sherbrooke
1999	Elaine Deschaine	B.Sc.	Université de Sherbrooke
1999	Marco Bergevin	M.D.	Research internship, Université de Sherbrooke
1998-2000	Marcel Brisebois	M.Sc.	Université de Sherbrooke
1998	Jean-François Fortin	M.Sc.	Montpellier-France
1997	Y. Yam	M.Sc.	Université de Sherbrooke
1997	Sébastien Hébert	M.Sc.	Université de Sherbrooke
1995-1997	Axelle Fortun	Post-doctorate	Université de Bruxelles
1995	Patrick Allaire	M.D.	Research internship, Université de Sherbrooke
1994-1999	Abdelouahed Khalil	Post-doctorate	Université de Sherbrooke

CURRENT POSITION OF SOME FORMER STUDENTS

Krzysztof Pietruszczuk: Senior Scientist, Medical University of Gdansk, Immunology

Pamela Camponova: Postdoctoral fellow, Université de Reims, Lipidology

Karine Bourgade: Postdoctoral fellow, Université de Toulouse, Neuroscience

Aurélie Le Page: Postdoctoral fellow, McGill University, Immunology

Andru Tomoiu: The Roslin Institute and Royal (Dick) School of Veterinary Studies, University of Edinburgh, Edinburgh, UK, Infectiology

Anis Larbi: Principal investigator, A*STAR Singapore Immunology Network, Singapore

Marco Bergevin: Professor, Hôpital Cité-de-la-Santé, Laval, Quebec., Infectiology

Abdelouahed Khalil: Full professor, Université de Sherbrooke

Sébastien Hébert: Full professor, Université de Laval, Neuroscience

STUDENT'S JURYS

Pre-doctoral examination: Y. Loukacheva, Yves Martin, Heidi Brochu, Anis Larbi, Jamie Sharp, Karina Kuhn, Claire Nour Abou Chakra

M.Sc.: Mélanie Houle, Thornin Ear, Geneviève Lehoux, Marcel Brisebois, Marie-Noël Caron, Amélie Grenier, Danielle Pétrin, Anis Larbi, Carl Fortin, Mattieu Robinson.

Doctoral thesis: Elie Moisan, Anis Larbi, Aurélie Le Page, Pamela Camponova, Panagiotis Mitsupoulos, Alicja Puchta, Francine Therrien, Rajesh Guruswamy

FUNDING

Personal awards

- 1995-1999 FRQS, Senior
1986-1987 Scholarship, Fondation médicale de France

Research grants awarded as principal applicant (1,6M\$)

1. Nouveau paradigme dans la pathogenèse de la maladie d'Alzheimer: peut-elle être d'origine infectieuse? (2017-2018)
Principal investigator: **Fülöp T**
Coinvestigators: Khalil A, Cohen AA, Frost E, Cunnane S, Roucou X
Granting Agency: Research Center on Aging, University Institute of Geriatrics of 000 Sherbrooke
Total Funding: \$20,000
2. CIACCO-2017 (6th Annual Symposium on Cytokines in Inflammation, Ageing, Cancer and Obesity) (2016-2017)
Principal investigator: **Fülöp T**, Ferbeyre G, Fritz J, Ilangumaran S, Rangachari M
Granting Agency: Canadian Institutes of Health Research (CIHR), Planification and dissemination
Total Funding: \$10,000
3. Immune signature in Alzheimer disease (2010-2014)
Principal investigator: **Fülöp T**
Coinvestigator: Frost E
Granting Agency: Canadian Institutes of Health Research
Total Funding: \$500,616
4. How do catastrophic events by modulating the immune response lead to frailty? (2010-2013)
Principal investigator: **Fülöp T**
Coinvestigators: Cabana F, Dupuis G, Lesur O, Lorrain D
Granting Agency: Canadian Institutes of Health Research, CIHR-IA-NDA-UK Collaboration
Total Funding: \$224,760
5. CP2M: Continuous, Contextual, Proactive and Personalized Supporting Technology for Mobility in Aging (2010)
Principal investigator: **Fülöp T**, Abdulrazak B, Sawan M
Coinvestigators: Bier N, Corring DJ, Leblanc T
Granting Agency: Canadian Institutes of Health Research, Emerging team
Total Funding: \$22,000
6. Étude des fonctions des cellules T chez des patients hypercholestérolémiques (2009-2010)
Principal investigator: **Fülöp T**
Coinvestigators: Dupuis G, Carpentier A

- Granting Agency: Center for research of CHUS, PAFI program
Total Funding: \$100,000
7. Aging, CMV and Alzheimer disease: could immunosenescence be the common pathway (2009-2010)
Principal investigator: **Fülöp T**
Coinvestigator: Frost E
Granting Agency: Canadian Institutes of Health Research
Total Funding: \$100,000
8. Étude des mécanismes moléculaires expliquant les défauts d'activation des lymphocytes T lors du vieillissement humain (2007-2008)
Principal investigator: **Fülöp T**
Coinvestigator: Frost E
Granting Agency: Canadian Institutes of Health Research
Total Funding: \$78,330
9. Étude de l'altération de la signalisation dans les lymphocytes T humains avec le vieillissement (2006-2007)
Principal investigator: **Fülöp T**
Granting Agency: University Institute of Geriatrics of Sherbrooke
Total Funding: \$40,000
10. Infection virale et vieillissement: rôle des protéines virales du VIH et de l'hépatite C en rapport avec les rafts lipidiques et la transduction de signaux dans les cellules T et macrophages (2004-2007)
Principal investigator: **Fülöp T**
Coinvestigators: Frost E
Granting Agency: Canadian Institutes of Health Research, International Collaboration
Total Funding: \$25,000
11. Study of T cell proliferation in patients with Alzheimer disease (2004-2006)
Principal investigator: **Fülöp T**
Granting Agency: Canadian Institutes of Health Research, International Collaboration
Total Funding: \$25,000
12. Étude des radeaux lipidiques et de la signalisation intracellulaire des sous-populations de lymphocytes T avec le vieillissement (2003-2006)
Principal investigator: **Fülöp T**
Granting Agency: Canadian Institutes of Health Research
Total Funding: \$181,473
13. Changements immunologiques associés au vieillissement physiologique (2002-2003)
Principal investigator: **Fülöp T**
Granting Agency: University Institute of Geriatrics of Sherbrooke
Total Funding: \$15,000
14. Étude de la signalisation intracellulaire des sous-populations de lymphocytes T avec le vieillissement (2002-2003)
Principal investigator: **Fülöp T**
Granting Agency: Natural Sciences and Engineering Research Council of Canada (NSERC)
Total Funding: \$40,000
15. Effects of LDL derived from healthy subjects of various ages on NO production (2001-2003)

Principal investigator: **Fülöp T**
Granting Agency: Fondation des maladies du coeur
Total Funding: \$26,000

16. Changements immunologiques associés au vieillissement physiologique (1997-2002)

Principal investigator: **Fülöp T**
Granting Agency: University Institute of Geriatrics of Sherbrooke
Total Funding: \$250,000

Also funded from:

National Academy of Sciences of Hungary; Sandoz Gerontological Foundation; Joint Committee France-Hungary for scientific cooperation; Société de Recherche sur le Cancer; Association Pulmonaire du Québec; NATO; FICU; Heart and Stroke Foundation of Canada; European Community

Research grants awarded as co-applicant (52,2M\$)

17. L'inflammation artérielle comme facteur de risque pour les maladies cardio-vasculaires et sa prévention par la diète riche en polyphénols : apport de l'imagerie TEP/TDM quantitative (2019/3 - 2024/4)

Principal investigator: Khalil A
Coinvestigators: **Fülöp T**, Nguyen M, Turcotte E
Granting Agency: Canadian Institutes of Health Research (CIHR),
Total Funding: \$933 300

18. RCT with a ketone ester drink in MCI (2019/1 - 2021/2)

Principal investigator: Cunnane S
Coinvestigators: **Fülöp T**, Bocti C
Granting Agency: Alzheimer's Association of America
Total Funding: \$749 482

19. Signature infectieuse dans le développement de la maladie d'Alzheimer: la clé pour la prévention et le traitement (2018/4 - 2020/5)

Principal investigator: Frost E
Coinvestigators: **Fülöp T**, Beaugard P, Bellenger JP
Granting Agency: Fonds de recherche du Québec - Société et culture (FRQSC) AUDACE
Total Funding: \$127 000

20. The causes and consequences of olfactory system dysfunction in MCI and its modulation as a therapeutic approach (2018/9 - 2020/10)

Principal investigator: Graham R
Coinvestigators: **Fülöp T**, Plourde M
Granting Agency: Alzheimer's Society of Canada
Total Funding: \$150 000

21. Canadian Longitudinal Study on Aging (2009-2019)

Principal investigators: Kirkland S, Raina P, Wolfson CM
Coinvestigators: **Fülöp T** and many others
Granting Agency: Canadian Institutes of Health Research (CIHR), Longitudinal study on Aging
Total Funding: \$30,750,000

22. Plateforme québécoise des interventions multidomaines chez la personne âgée visant à améliorer la cognition: plateforme IMPAAC-Q (2018-2019)

- Principal investigators: Cunnane S, Plourde M
 Coinvestigators: **Fülöp T**, Bocti C, Dionne I, Presse N, Provencher V
 Granting Agencies: Research Center on Aging, Structuring project
 Total Funding: \$75,000
23. Towards a clinically applicable characterization of sex-differences in biological aging (2016-2018)
 Principal investigator: Cohen AA
 Coinvestigators: **Fülöp T**
 Granting Agency: Canadian Institutes of Health Research (CIHR), Catalyst grants
 Total Funding: \$149,452
24. Proof of mechanism of a new ketogenic supplement using dual PET (2015-2018)
 Principal investigator: Cunnane S
 Coinvestigator: **Fülöp T**
 Granting Agency: The Alzheimer's Association, Zenith
 Total Funding: US\$ 800,000
25. Brain fuel uptake and cognitive decline in the elderly (2010-2015)
 Principal investigator: Cunnane S
 Coinvestigators: **Fülöp T**, Bentourkia M, Tessier D, Turcotte E
 Granting Agency: Canadian Institutes of Health Research, Subvention Program
 Total Funding: \$ 706,465
26. The role of olfactory dysfunction in the cognitive decline observed in the aging population (2014-2015)
 Principal investigator: Graham, Rona
 Coinvestigators: Lorrain D, Plourde M
 Collaborators : **Fülöp T**, Bacon A, DeBeaumont L, Ferland G, Payette H
 Granting Agency: Merck Sharpe & Dohme
 Total Funding: \$ 50,000
27. Understanding the physiology of aging by modeling longitudinal changes in networks of biomarkers in humans (2012-2015)
 Principal investigator: Cohen AA
 Coinvestigators: **Fülöp T**, Bouezmarni T, Xue Q
 Granting Agency: Canadian Institutes of Health Research
 Total Funding: \$ 330,546
28. Novel approaches to aging physiology: Using statistics and data mining to understand dysregulation of biomarker networks in human population (2012-2015)
 Principal investigator: Cohen AA
 Coinvestigators: **Fülöp T**, Bouezmarni T, Payette H, Wang S, Xue Q
 Granting Agency: Canadian Institutes of Health Research
 Total Funding: \$ 193,482
29. Canadian Longitudinal Study on Aging (CLSA)-Mobility Initiative (CMI) - An Emerging Team in Mobility in Aging (2008-2014)
 Principal investigator: Kirkland S, Raina P, Wolfson CM
 Coinvestigators: **Fülöp T** and many others
 Granting Agency: Canadian Institutes of Health Research (CIHR), Emerging team
 Total Funding: \$1,500,000
30. Identifying immune biomarkers that predict influenza in the nursing home elderly (2010-2013)

- Principal investigator: Mark Loeb
 Coinvestigators: **Fülöp T**, Johnston J, McElhany J
 Granting Agency: Canadian Institutes of Health Research
 Total Funding: \$ 700,098
31. CIHR team in Frailty and Aging (2007-2012)
 Principal investigator: Béland F
 Coinvestigators: **Fülöp T** and many others
 Granting Agency: Canadian Institutes of Health Research, Team Grant
 Total Funding: 3,729,171
32. Nutrition and sarcopenia as independent factors in the insulin resistance of aging (2007-2010)
 Principal investigator: Morais J
 Coinvestigators: **Fülöp T** and many others
 Granting Agency: Canadian Institutes of Health Research
 Total Funding: \$ 417,919
33. Caractérisation par la TEP de l'inflammation artérielle associée à l'inflamm-aging (2009-2010)
 Principal investigator: Khalil A
 Coinvestigators: **Fülöp T**, Bentourkia M, Turcotte E
 Granting Agency: Canadian Institutes of Health Research, Subvention Catalyst
 Total Funding: \$ 50,000
34. Carbon-11 acetoacetate: a new PET tracer to study energy metabolism in the aging human brain (2009)
 Principal investigator: Cunnane S
 Coinvestigators: **Fülöp T** and many others
 Granting Agency: Canadian Institutes of Health Research, Subvention Catalyst
 Total Funding: \$ 50,000
35. Réseau de formation interdisciplinaire en recherche sur la santé et le vieillissement (2003-2009)
 Principal investigator: Beaulieu M, Bravo G, Payette H and many others
 Coinvestigators: **Fülöp T** and many others
 Granting Agency: Canadian Institutes of Health Research, Strategic training program
 Total Funding: \$ 1,852,500
36. Effect of exogenous fat delivery on in vivo adipose tissue function: implication for insulin resistance (2007-2008)
 Principal investigator: Carpentier A
 Coinvestigator: **Fülöp T**
 Granting Agency: Pfizer Canada Inc.
 Total Funding: \$ 199,432
37. Consommation d'aliments fonctionnels riches en antioxydants au cours du vieillissement: régulation du stress oxydatif et impact sur la fonction immunitaire (2007-2008)
 Principal investigator: Khalil A
 Coinvestigators: **Fülöp T**, Shatenstein B
 Granting Agency: Canadian Institutes of Health Research
 Total Funding: \$ 100,000
38. Postprandial plasma free fatty acid metabolism and the innate and adaptive immune system in the metabolic syndrome (2006-2008)

- Principal investigator: Carpentier A
 Coinvestigator: **Fülöp T**
 Granting Agency: Canadian Diabetes Association
 Total Funding: \$ 75,000
39. Nutrition as a determinant of successful aging: the Quebec longitudinal study (2003-2008)
 Principal investigator: Payette H
 Coinvestigator: **Fülöp T** and many others
 Granting Agency: Canadian Institutes of Health Research
 Total Funding: \$ 3,925,050
40. Étude des mécanismes à l'origine de la réduction de l'activité antioxydante des HDL au cours du vieillissement (2003-2007)
 Principal investigator: Khalil A
 Coinvestigator: **Fülöp T**
 Granting Agency: Canadian Institutes of Health Research
 Total Funding: \$ 232,205
41. Reconnaissance d'émotions évoquées par le visage, la voix et la musique, en association avec des marqueurs somatiques, dans la démence de type Alzheimer (2006-2007)
 Principal investigators: Gagnon L, Lorrain D, Peretz I
 Coinvestigators: **Fülöp T**, Gosselin N
 Granting Agency: Canadian Institutes of Health Research, Pilot project
 Total Funding: \$ 50,000
42. Understanding frailty and frail older persons' needs to design innovative models of care (2001-2007)
 Principal investigators: Béland F, Tourigny A
 Coinvestigators: **Fülöp T** and many others
 Granting Agency: Canadian Institutes of Health Research, Team grant
 Total Funding: \$ 3,705,013
43. Understanding frailty and frail older persons' needs to design innovative models of care (2005-2006)
 Principal investigator: Béland F
 Coinvestigators: **Fülöp T** and many others
 Granting Agency: Canadian Institutes of Health Research, Team grant (LDI)
 Total Funding: \$ 10,000
44. Projet de collaboration international pour la recherche sur le vieillissement normal et pathologique: étude de la sénescence cellulaire prématurée induite par le stress (SIPS) (2004-2005)
 Principal investigator: Khalil A
 Coinvestigator: **Fülöp T**
 Granting Agency: Canadian Institutes of Health Research
 Total Funding: \$ 24,979
45. Diabetogenic effects of prolonged elevation of plasma free fatty acids in obese patients with and without type 2 diabetes mellitus independent of chronic hyperglycemia (2003-2005)
 Principal investigator: Carpentier A
 Coinvestigator: **Fülöp T**
 Granting Agency: Canadian Diabetes Association
 Total Funding: \$ 150,000
46. Effet de deux hypolipémiants à concentrations différentes chez des personnes âgées souffrant d'angine (2001-2002)

- Principal investigator: Tessier D
 Coinvestigator: **Fülöp T**
 Granting Agency: Pfizer Canada Inc
 Total Funding: \$ 50,000
47. Bases cognitives de la musicothérapie dans la démence de type Alzheimer (2001-2002)
 Principal investigator: Gagnon L
 Coinvestigator: **Fülöp T**
 Granting Agency: Réseau Provincial de Recherche en Adaptation-Réadaptation (REPAR)
 Total Funding: \$ 13,729
48. Étude de l'effet de la supplémentation du déhydroepiandriostérone sur l'efficacité de la vaccination contre l'influenza chez des patients âgés institutionnalisés (2001-2002)
 Principal investigator: Arcand M
 Coinvestigator: **Fülöp T**
 Granting Agency: University Institute of Geriatrics of Sherbrooke Foundation
 Total Funding: \$ 15,000
49. Utility of ambulatory blood pressure monitoring in the older population with type 2 diabetes (2001-2002)
 Principal investigator: Tessier D
 Coinvestigator: **Fülöp T**
 Granting Agency: Canadian Diabetes Association
 Total Funding: \$ 47,394
50. Recherche et caractérisation chimique et biologique des substances naturelles à vertu immunomodulatrice (2000-2002)
 Principal investigator: Khalil A
 Coinvestigator: **Fülöp T**
 Granting Agency: Fonds International de Coopération Universitaire
 Total Funding: \$ 16,500

PUBLICATIONS AND COMMUNICATIONS

H-Index according to SCOPUS: 53

290 referred articles published or submitted

More than 100 book chapters

Co-editor of two books: Handbook of Immunosenescence; Handbook on Geriatric Oncology)

(* indicate trainees under my direct supervision)

Published articles

1. Lu Y, Tan CTY, Gwee X, Yap KB, Fulop T, Pan F, Larbi A, Ng TP. Pathogen Burden, Blood Biomarkers and Functional Ageing in Community-Dwelling Older Adults. *J Gerontol A Biol Sci Med Sci*. 2021 Feb 26;glab057.
2. Ghachem A, Dufour F, Fülöp T, Gaudreau P, Cohen AA. Effects of Sex and Physical Activity Level on Serum Biomarker-Based Physiological Dysregulation: The Impact to Predict Frailty and Mortality in the Quebec NuAge Cohort. *Gerontology*. 2021 Mar 29:1-14.
3. Liu M, Legault V, Fülöp T, Côté AM, Gravel D, Blanchet FG, Leung DL, Lee SJ, Nakazato Y, Cohen AA. Prediction of Mortality in Hemodialysis Patients Using Moving Multivariate Distance. *Front Physiol*. 2021 Mar 11;12:612494.
4. Cohen AA, Fülöp T. Toward a multidisciplinary science of aging biology. *Mech Ageing Dev*. 2021 Apr 2:111481.
5. Crimmin J, Fulop T, Battisti NML. Biological aspects of aging that influence response to anticancer treatments. *Curr Opin Support Palliat Care*. 2021 Mar 1;15(1):29-38.
6. Witkowski JM, Bryl E, Fulop T. Proteodynamics and aging of eukaryotic cells. *Mech Ageing Dev*. 2021 Mar;194:111430.
7. Sedighi SM, Fulop T, Mohammadpour A, Nguyen M, Prud'Homme P, Khalil A. Elevated Cardiac Troponin Levels in Geriatric Patients Without ACS: Role of Comorbidities. *CJC Open*. 2020 Jul 25;3(3):248-255.
8. Puts M, Szumacher E, Dawe D, Fitch M, Jones J, Fülöp T, Alibhai SMH, Hsu T, Strohschein F; Canadian Network on Aging and Cancer. Never too old to learn new tricks: Surveying Canadian healthcare professionals about learning needs in caring for older adults with cancer. *J Geriatr Oncol*. 2021 Mar;12(2):262-273.
9. Béland F, Julien D, Wolfson C, Bergman H, Gaudreau P, Galand C, Fletcher J, Zunzunegui MV, Shatenstein B, Kergoat MJ, Morais JA, Fülöp T. Revisiting the hypothesis of syndromic frailty: a cross-sectional study of the structural validity of the frailty phenotype. *BMC Geriatr*. 2020 Oct 27;20(1):429.
10. Fülöp T, Desroches M, A Cohen A, Santos FAN, Rodrigues S. Why we should use topological data analysis in ageing: Towards defining the "topological shape of ageing". *Mech Ageing Dev*. 2020 Dec;192:111390.
11. Ng TP, Lu Y, Tan CTY, Gao Q, Gwee X, Fulop T, Larbi A. Pathogenic load and frailty in older adults: Singapore longitudinal ageing study. *Aging (Albany NY)*. 2020 Nov 6;12(21):22139-22151.
12. Lu Y, Karagounis LG, Ng TP, Carre C, Narang V, Wong G, Tan CTY, Zin Nyunt MS, Gao Q, Abel B, Poidinger M, Fulop T, Bosco N, Larbi A. Systemic and Metabolic Signature of Sarcopenia in Community-Dwelling Older Adults. *J Gerontol A Biol Sci Med Sci*. 2020 Jan 20;75(2):309-317.
13. Sedighi SM, Nguyen M, Khalil A, Fülöp T. The impact of cardiac troponin in elderly patients in the absence of acute coronary syndrome: A systematic review. *Int J Cardiol Heart Vasc*. 2020 Sep 9;31:100629.
14. Zhong X, Lu Y, Gao Q, Nyunt MSZ, Fulop T, Monterola CP, Tong JC, Larbi A, Ng TP. Estimating Biological Age in the Singapore Longitudinal Aging Study. *J Gerontol A Biol Sci Med Sci*. 2020 Sep 25;75(10):1913-1920.
15. Cohen AA, Legault V, Fülöp T. What if there's no such thing as "aging"? *Mech Ageing Dev*. 2020 Dec;192:111344.
16. Eiser AR, Fulop T. Extra-cranial factors in the development of Alzheimer's disease. *Brain Res*. 2020 Dec 1;1748:147076.
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18. Fortier M, Castellano CA, St-Pierre V, Myette-Côté É, Langlois F, Roy M, Morin MC, Bocti C, Fulop T, Godin JP, Delannoy C, Cuenoud B, Cunnane SC. A ketogenic drink improves cognition in mild cognitive impairment: Results of a 6-month RCT. *Alzheimers Dement*. 2021 Mar;17(3):543-552.
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 21. Pawelec G, Bronikowski A, Cunnane SC, Ferrucci L, Franceschi C, Fülöp T, Gaudreau P, Gladyshev VN, Gonos ES, Gorbunova V, Kennedy BK, Larbi A, Lemaître JF, Liu GH, Maier AB, Morais JA, Nóbrega OT, Moskalev A, Rikkert MO, Seluanov A, Senior AM, Ukraintseva S, Vanhaelen Q, Witkowski J, Cohen AA. The conundrum of human immune system "senescence". *Mech Ageing Dev*. 2020 Dec;192:111357.
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 31. Khalil A, Fulop T, Berrougui H. Role of paraoxonase1 in the regulation of HDL functionality and in cardiovascular protection. *Antioxid Redox Signal*. 2021 Jan 20;34(3):191-200.
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47. **Fülöp T**. (1996) Biologie du vieillissement. In: Précis pratique de gériatrie. Edited by M Arcand, R Hébert. Maloine, pp.31-39.
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50. **Fülöp T**, Dax MM. (1995) Mechanisms of altered target response in Hormones and Aging. Edited by WB Quay, PS Timiras, A Vernadakis. CRC Press, pp. 361-382.
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55. Jacob MP, **Fülöp T**, Robert L. (1989) Immunological properties of elastin peptides. In: Elastin and elastases. Edited by L Robert, W Hornebeck. CRC Press, New York, pp. 187.

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57. **Fülöp T** Varga Zs, Csongor J, Jacob MP, Robert L, Leovey A, Foris G. (1989) Altered phosphatidylinositol metabolism in polymorphonuclear leukocytes with aging. In: Biomedical advances in aging. Edited by AL Goldstein. Plenum Press, New York, pp. 187.
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PRESENTATIONS AS GUEST SPEAKER

MORE THAN 10 PRESENTATIONS PER YEAR WORLDWIDE

The most important in the last 10 years

1. **Fülöp T**. (2017) Immunosenescence and inflammaging: an intricate connection. 21st IAGG World Congress of Gerontology and Geriatrics, San Francisco, California, United States.
2. **Fülöp T**, Lepage A, Fortin C*, Witkowski JM, Gupuis G, Larbi A. (2017) Signal transduction changes in immune cells with aging. 21st IAGG World Congress of Gerontology and Geriatrics, San Francisco, California, United States.
3. **Fülöp T**, Akbar A. (2017) Circulating immune cells and their contribution to age-related diseases. 21st IAGG World Congress of Gerontology and Geriatrics, San Francisco, California, United States.
4. *Bourgade K, Dupuis G, Frost EH, **Fülöp T**. (2017) Amyloid beta peptides as antimicrobial peptides: relevance for Alzheimer's disease? Innovation in Aging, 1 (suppl. 1). 21st IAGG World Congress of Gerontology and Geriatrics, San Francisco, California, États-Unis (275), 2017/7.
5. *Le Page A, Dupuis G, Frost EH, Pawelec G, Witkowski J, Larbi A, **Fülöp T**. (2017) Role of the innate immune response in the progression of Alzheimer's disease. Innovation in Aging, 1(suppl.1). 21st IAGG World Congress of Gerontology and Geriatrics, San Francisco, California, États-Unis (1151), 2017/7.
6. Le Page A*, Dupuis G, Larbi A, **Fülöp T**. (2017) Signaling changes in immune cells with aging. Polish Immunological Society Meeting, Varsovie, Pologne, 2017/6.
7. **Fülöp T**. (2017) Immunosenescence and cancer. 22nd European Hematology Meeting, Madrid, Espagne, 2017/6.
8. **Fülöp T**. (2017) The innate immune response in the development and progression of Alzheimer's disease. NIH-NIA conference on immunosenescence, Rockville, États-Unis, 2017/5.

9. **Fülöp T**, Le Page A*, Dupuis G, Larbi A. (2015) Immune signaling in aging: targets to reverse. immunosenescence? SM - Aging and the immune system, Austria.
10. **Fülöp T**. (2015). Biomarkers of frailty. European Haematology Congress, Austria.
11. **Fülöp T**. (2015) Maladie d'Alzheimer et virus: au-delà de l'hypothèse amyloïde. Séminaire INSERM et Paris VI (Pierre et Marie Curie), France.
12. **Fülöp T**. (2014) The future of geroscience? 1st International Symposium « The Challenges of Biological Research on Aging in the 21st Century: From Cells to Clinics », Orford, Quebec, Canada.
13. **Fülöp T**. (2014) Alteration of the early signaling in T cells with aging. GSA meeting, Washington, 2014/10.
14. **Fülöp T**. (2014) Immunosenescence et cancer. EHA meeting. Milan, 2014/6.
15. **Fülöp T**. (2014) Immunosenescence et Inflammaging. Keynote speaker. CIFGG, Liège, 2014/5.
16. **Fülöp T**. (2014) Rôle de l'inflammation dans la maladie d'Alzheimer. Organisateur d'un symposium sur les maladies neurodégénératives. CIFGG, Liège, 2014/5.
17. **Fülöp T**, *Le Page A, Dupuis G, Fortin C*, Garneau H, Larbi A. (2014) The role of negative signal regulation in T cell function with aging. 67th Annual Scientific Meeting of the Gerontological Society of America, Washington, DC, 2014/11.
18. **Fülöp T**. (2014) Vieillesse, comorbidités et fragilité : peut-on faire la différence? 10^e Congrès international francophone de gérontologie et gériatrie. « Les défis de la longévité : créativité et innovations ». Session Le processus de fragilité : quels marqueurs biologiques?, Liège, Belgique, 2014/5.
19. **Fülöp T**. (2013) Immunologie et maladies inflammatoires associées au vieillissement. Garder le cerveau en bonne forme lors du vieillissement : un grand défi. Café scientifique - Thème porteur : vieillissement, Sherbrooke.
20. **Fülöp T**. (2013) Metabolic signalling in T cells with aging. 7th Leucocyte signal transduction workshop. Kos, Kos, 2013/9.
21. **Fülöp T**, Dupuis G, Larbi A. (2013) Early and metabolic signalling changes in human T cells with aging. SM3 - Aging and the immune system, Milan, 2013/8.
22. **Fülöp T**. (2013) Inflammation and frailty: what link? The Journal of Nutrition, Health and Aging, 17 (suppl. 1). 20th IAGG World Congress of Gerontology and Geriatrics, Séoul, South Korea, 2013/6.
23. **Fülöp T**. (2013) From Immune frailty to physical frailty. Presidential Symposium. 20th IAGG World Congress of Gerontology and Geriatrics. Seoul, South Korea, 2013/6.
24. **Fülöp T**, Meier A, McElhaney J, Larbi A. (2013) Inflammatory biomarkers and frailty: the state of the art. Symposium. 20th IAGG World Congress of Gerontology and Geriatrics. Seoul, South Korea, 2013/6.
25. **Fülöp T**. (2013) Chronic viral infection and altered signalling in T cells of elderly. Seminar. University of Gdansk. 2013/6.
26. **Fülöp T**, Baehl S, Le Page A*, Bourgade-Navarro K*, Garneau H, Frost E, Dupuis G, McElhaney J, Derhovanessian E, Frasca D, Larbi A, Pawelec G. (2013) Role of CMV seropositivity in acute vs chronic inflammatory diseases in elderly subjects. CMV meeting, Parma, 2013/3.
27. **Fülöp T**, Baehl S*, Cabana F, Lorrain D, Dupuis G, Svoltelis A. (2013) Immune changes caused by hip fracture. Seminar. University of Birmingham. 2013/2.
28. Montesino Orellana MR, Khalil A, Sarrhini O, **Fülöp T**, Paquet N, Lavallée É, Turcotte É, Bentourkia M. (2012) Repeated measurements of atherosclerosis in elderly patients with FDG-PET. WMIC 2012 (World Molecular Imaging Congress). Dublin, Ireland, 2012/9.

29. **Fülöp T**, Le Page A*, Garneau H, Dupuis G, Larbi A. (2012) Altered regulation of Lck in T cells with aging. European Congress of Immunology. Glasgow, Scotland, 2012/9.
30. **Fülöp T**. (2012) Ageing of the immune system: role of chronic infection, altered signaling and inflamm aging. Trudeau Institute, Saranac Lake, New York, USA, 2012/8.
31. **Fülöp T**. (2012) Advances in signalling in T cells with aging. ImaginE Meeting 10 years later, Tübingen, Germany, 2012/6.
32. **Fülöp T**. (2012) Immunisation chez les personnes âgées. 32e Colloque annuel de la Société canadienne de gériatrie. Québec. 2012/4.
33. **Fülöp T**. (2012) L'immunité chez les personnes âgées. 22e édition du Gérotoclub du Centre universitaire de formation en gériatrie, Sherbrooke, Québec, Canada, 2012/3.
34. **Fülöp T**. (2012) Clinical and immune parameters in healthy and diabetic subjects. 3rd International workshop on Immunosenescence. Cordoba, Spain, 2012/3.
35. **Fülöp T**. (2011) Cancer and immunosenescence. 11th Meeting of the International Society of Geriatric Oncology. Paris, France, 2011/11.
36. **Fülöp T**. (2011) Alteration of positive and negative signaling in T cells with aging. 6th Leucocyte signal transduction workshop. Chania, Crète, 2011/6.
37. **Fülöp T**. (2010) Immunisation de la personne âgée. Journée symposium de la Société québécoise de gériatrie et de l'Association canadienne de gériatrie. Montréal, 2010/12.
38. **Fülöp T**. (2010) Atherosclerosis and aging. 9e Congrès international francophone de gériatrie et de gériatrie. 30es Journées annuelles de la Société française de gériatrie et de gériatrie. Nice, France, 2010/10.
39. **Fülöp T**. (2010) Role of immunosenescence in vaccination of elderly. 9e Congrès international francophone de gériatrie et de gériatrie. 30es Journées annuelles de la Société française de gériatrie et de gériatrie. Nice, France, 2010/10.
40. **Fülöp T**. (2010) Role of innate immune response in immunosenescence. European Biogerontology Congress. Palermo, Italy, 2010/10.
41. **Fülöp T**, Tsvetkova K, Allard N*. (2010) Negative signalling override explains the altered clonal expansion of T cells with aging. 14th International Congress of Immunology. Kobe, Japan, 2010/8.
42. **Fülöp T**. (2009) CMV, aging and AD. Workshop. Tübingen, Germany, 2009/12.
43. **Fülöp T**, Fortin C*. (2009) Activation of negative signalling in T cells with aging. Gerontology Congress of America. Atlanta, 2009/11.
44. **Fülöp T**, Lamoureux J*, Fortin C*. (2009) Negative signalling in T cells with aging. 2nd European Congress of Immunology. Berlin, Germany, 2009/9.
45. Pawelec G, Cancro M, Franceschi C, **Fülöp T**. (2009) Symposium: Immunosenescence: state of the art. XIXth World Congress of Gerontology and Geriatrics. Paris, France, 2009/7 (Organizer).
46. **Fülöp T**, Larbi A, Brodeur C, Lacombe G, Frost E, Pawelec G. (2009) Immune status of CMV and inflammatory markers in patients with Alzheimer disease. XIXth World Congress of Gerontology and Geriatrics. Paris, Journal of Nutrition and Aging, 13(suppl. 1), S574, 2009/7.
47. **Fülöp T**, Lamoureux J*, Fortin C*. (2009) The preponderance of negative signalling explains the altered clonal expansion of T cells with aging. XIXth World Congress of Gerontology and Geriatrics. Paris, France, Journal of Nutrition and Aging, 13(suppl. 1), S385, 2009/7.
48. **Fülöp T**, Fortin C*. (2009) Negative signalling predominates on activation in T cells with aging. 5th Leukocyte Signal Workshop. Crete, Grece, 2009/6.
49. **Fülöp T**, Pawelec G. (2009) Contribution of immunosenescence to cancer development. 13th Congress of the IABG. Québec, Canada, 2009/4.

50. **Fülöp T.** (2008) Role of Zn in the biology of Aging. Anti-aging Congress. Taipei, Taiwan. October 13-14.
51. **Fülöp T.** (2008) Contribution of lipid rafts to immunosenescence. 13th Congress of the Polish Society of Experimental and Clinical Immunology. Krakow, Poland, 2008/5.
52. **Fülöp T.** (2008) Adult vaccination and immunosenescence. Symposium, Canadian Geriatrics Society (CGS) 28th Annual Meeting. Montreal, Québec, 2008/4.
53. **Fülöp T.** (2007) Immunosenescence et vaccination. Association des médecins de langue française du Canada (AMLFC). Montréal, Québec, 2007/11.
54. **Fülöp T.** (2007) Biological determinants of frailty: did you say? 36th Annual Scientific and Educational Meeting of the Canadian Association on Gerontology. CIHR-IA Symposium on Frailty. Calgary, Alberta, 2007/11.
55. **Fülöp T.** (2007) Role of lipids in the modulation of human T cell activation. Stress World Congress. Budapest, Hungary, 2007/8.
56. Kebach S, Raelson J, Van Eerdeewegh P, Nguyen-Huu Q, Lepage G, **Fülöp T**, Dugas M, Fournier H, Paquin B, Hooper J, Belouchi A, Keith T. (2007) Genome-Wide Association Study for longevity using 550,000 SNPs in the Quebec Founder population. 57th Annual Meeting of the American Society of Human Genetics. San Diego, California, USA, 2007/10.
57. **Fülöp T**, Brassard P*, Larbi A, Fortin C*, Carpentier A. (2007) Fatty acids and signalling in T Lymphocytes. 8th meeting on Fatty acids in Cell signalling. Quebec City, 2007/6.
58. **Fülöp T**, Fortin C*, Dupuis G, Larbi A. (2007) Do lipid rafts play a role in T cell immunosenescence. 6th European Congress of IAG. St. Petersburg, Russia, 2007/7.
59. **Fülöp T**, Varin A, Larbi A, Fortin C*, Herbein G. (2007) Nef is in lipid rafts and induces HIV spreading. 4th International Leukocyte Signal Transduction Workshop; Clinical implications of signaling pathways. Rhodes, Greece, 2007/6.
60. Gaudreau P, Payette H, Khalil A, Shatenstein B, Dionne I, Brochu M, Gray-Donald K, Morais J, Ferland G, **Fülöp T**, Jacques D, Kergoat MJ, Tessier D, Wagner R. (2007) Nutrition as a determinant of successful aging: the Quebec longitudinal study «NuAge». Edmonton aging symposium. Edmonton, Canada, 2007/3.
61. Herbein G, Varin A., **Fülöp T.** (2007) Jak, STAT and Zinc. 15th ZINCAGE Meeting. Ancona, Italy, 2007/1.

PRESENTATIONS AT INTERNATIONAL/NATIONAL/LOCAL MEETINGS

(students and collaborators for the last 9 years)

1. *Croteau É, Castellano C-A, Richard M-A, Brodeur-Dubreuil C, Baril O, Fortier M, **Fülöp T**, Lepage M, Cunnane SC. (2017) Évaluation de l'augmentation de la consommation énergétique et de la perfusion cérébrale suite à la prise d'un supplément alimentaire cétoène dans un contexte de la maladie d'Alzheimer. 9^e Journée scientifique. Centre d'excellence en neurosciences de l'Université de Sherbrooke, Sherbrooke, Québec, Canada, 2017/12.
2. Lacombe G, Langlois F, Imbeault H, Duval J, Drouin M, Lefebvre L, Gilbert B, Bockt C, **Fülöp T**, Belleville S. (2017) Les impacts d'un entraînement cognitif multi-domaine chez les patients âgés porteurs de troubles neurocognitifs légers. Congrès national 2017 des unités de soins, d'évaluation et de prise en charge Alzheimer. « Comment adapter les unités de soins Alzheimer aux évolutions actuelles des patients atteints de maladie d'Alzheimer et de leur prise en charge? », Paris, France, 2017/12.

3. Castellano C-A, *Croteau É, Fortier M, Bocti C, **Fülöp T**, Lacombe G, Paquet N, Dionne IJ, Cunnane SC. (2017) Cerebral energy deficit in mild to moderate Alzheimer's disease: strategies to increase brain fuel supply. Cahier des résumés. 10th Edition of Clinical Trials on Alzheimer's Disease (CTAD), Boston, Massachusetts, États-Unis (P128), 2017/11.
4. *Croteau É, Castellano C-A, Fortier M, Langlois F, **Fülöp T**, Cunnane SC. (2017) A ketogenic supplement improves brain energy metabolism and cognition in mild cognitive impairment: preliminary results of a 6-month randomized controlled study with neuroimaging (BENEFIC Trial). Cahier des résumés. 10th Edition of Clinical Trials on Alzheimer's Disease (CTAD), Boston, Massachusetts, États-Unis (P35), 2017/11.
5. *Maréchal R, *Fontvieille A, *Parent-Roberge H, **Fülöp T**, Riesco É, Pavic M, Dionne IJ. (2017) Impact of exercise on grip strength and sedentary behaviour in elderly during cancer treatment. 46th Annual Scientific and Educational Meeting of the Canadian Association of Gerontology. « Evidence for action in an aging world », Winnipeg, Manitoba, Canada, 2017/10.
6. *Maréchal R, *Fontvieille A, *Parent-Roberge H, **Fülöp T**, Riesco É, Pavic M, Dionne IJ. (2017) Impact of exercise on quality of life and sedentary behaviour in elderly during cancer treatment. 50th Annual Meeting of the Canadian Society for Exercise Physiology. « Back to the beginning », Winnipeg, Manitoba, Canada, 2017/10.
7. *Fontvieille A, *Parent-Roberge H, *Maréchal R, Langlois M-F, **Fülöp T**, Pavic M, Riesco É. (2017) Aerobic and resistance training to reduce cancer-related fatigue: efficacy in oncogeriatric patients. 14^e Édition des journées de la recherche du Réseau Québécois de Recherche sur le Vieillessement, Montréal, Québec, Canada, 2017/9.
8. Castellano C-A, Croteau É, Bocti C, **Fülöp T**, Cunnane SC. (2017) Strategies to increase brain energy supply in mild Alzheimer's disease. International Conference of the Alzheimer's Association, Londres, Royaume-Uni, 2017/7.
9. Witkowski JM, Mikosik A, Bryl E, Foerster J, **Fülöp T**, Caruso C. (2017) Calpain activity maintains good health of centenarian T cells: summary of the calpacent project. Innovation in Aging, 1 (suppl.1). 21st IAGG World Congress of Gerontology and Geriatrics, San Francisco, California, États-Unis (76), 2017/7.
10. *Fontvieille A, *Parent-Roberge H, Langlois M-F, **Fülöp T**, Pavic M, Riesco É. (2017) Aerobic and resistance training to reduce cancer-related fatigue: efficacy in oncogeriatric patients. Innovation in Aging, 1 (suppl. 1). 21st IAGG World Congress of Gerontology and Geriatrics. « Global aging and health: bridging science, policy, and practice », San Francisco, Californie, États-Unis (224), 2017/7.
11. Cohen A, Legault V, **Fülöp T**, Fuellen G, Fried LP, Ferrucci L. (2017) Challenges understanding aging through biomarkers across populations: the example of calcium. Innovation in Aging, 1 (suppl.1). 21st IAGG World Congress of Gerontology and Geriatrics, San Francisco, California, États-Unis (1314), 2017/7.
12. Matta J, Gaudreau P, **Fülöp T**, Dionne IJ, Tessier D, Shatenstein B, Payette H, Morais JA. (2017) Predictors of insulin resistance in community-dwelling older adults of the NuAge study. Innovation in Aging, 1 (suppl. 1). 21st IAGG World Congress of Gerontology and Geriatrics, San Francisco, California, États-Unis (706), 2017/7.
13. Matta J, Gaudreau P, **Fülöp T**, Dionne IJ, Tessier D, Shatenstein B, Payette H, Morais JA. (2017) Serum biomarkers predicting insulin resistance in community-dwelling older adults of the NuAge study. Innovation in Aging, 1 (suppl. 1). 21st IAGG World Congress of Gerontology and Geriatrics. « Global aging and health: bridging science, policy, and practice », San Francisco, États-Unis (858), 2017/7.
14. *Andersen PL, Khalil A, Vermette P, **Fülöp T**. (2017) Une approche « mini-cerveau » de la recherche sur la maladie d'Alzheimer. Cahier de programmation. 13^e Journée scientifique du CDRV et 27^e Édition du Gérontoclub, Sherbrooke, Canada (22), 2017/6.

15. *Fontvieille A, *Parent-Roberge H, Langlois M-F, **Fülöp T**, Riesco É, Pavic M. (2017) Réduction de la fatigue liée au cancer avec un entraînement mixte chez des patients en oncogériatrie: résultats préliminaires. Cahier de programmation. 13^e Journée scientifique du CDRV et 27^e Édition du Gérontoclub, Sherbrooke, Canada (23), 2017/6.
16. Castellano C-A, *Croteau É, Fortier M, Bocti C, **Fülöp T**, Lacombe G, Paquet N, Dionne IJ, Cunnane SC. (2017) Les cétones et la maladie d'Alzheimer : exemples de stratégies stimulant la production et l'utilisation de ce carburant du cerveau. Cahier de programmation. 13^e Journée scientifique du CDRV et 27^e Édition du Gérontoclub, Sherbrooke, Canada (18), 2017/6.
17. Lambert L-A, **Fülöp T**, Cunnane SC. (2017) Recrutement de personnes avec problème de mémoire. Cahier de programmation. 13^e Journée scientifique du CDRV et 27^e Édition du Gérontoclub, Sherbrooke, Canada (24), 2017/6.
18. *Parent-Roberge H, *Fontvieille A, Langlois M-F, **Fülöp T**, Riesco É, Pavic M. (2017) Effet d'un programme d'entraînement mixte sur la capacité fonctionnelle chez une population oncogériatrique suivant un traitement systémique : données préliminaires. Cahier de programmation. 13^e Journée scientifique du CDRV et 27^e Édition du Gérontoclub, Sherbrooke, Canada (25), 2017/6.
19. *Maréchal R, *Fontvieille A, *Parent-Roberge H, **Fülöp T**, Riesco É, Pavic M, Dionne IJ. (2017) Effet d'un programme d'activité physique mixte sur la force de préhension et le temps d'activités sédentaires chez des personnes âgées en traitement contre le cancer. 6^e Journée scientifique Diabète, Obésité et Complications Cardiovasculaires (DOCC). « Des souris et des hommes : emphase sur la recherche translationnelle », Sherbrooke, Québec, Canada, 2017/5.
20. Langlois F, Imbeault H, Duval J, Drouin M, Lefebvre L, Gilbert B, Bocti C, Lacombe G, **Fülöp T**, Gagnon L, Belleville S. (2017) Impacts of a multi-memory cognitive training in geriatric patients diagnosed with mild neurocognitive disorder. 45th Annual Meeting of the International Neuropsychological Society. « Building the past and present to enhance the future », New Orleans, Louisiana, États-Unis, 2017/2.
21. Croteau É, Castellano C-A, Brodeur-Dubreuil C, Baril O, Fortier M, Bocti C, **Fülöp T**, Cunnane SC. (2016) Résultats en neuroimagerie TEP/IRM de la prise alimentaire de triglycérides à chaîne moyenne (MCT) sur la consommation énergétique cérébrale dans la maladie d'Alzheimer. 8^e Journée scientifique du Centre d'excellence en neuroscience de l'Université de Sherbrooke (CNS), Sherbrooke, Canada, 2016/12.
22. *Bourdage-Navarro K, Frost ÉH, Bocti C, Witkowski JM, Dupuis G, **Fülöp T**. (2016) Amyloid beta est une peptide antimicrobienne. 3^e Congrès québécois sur la maladie d'Alzheimer et les maladies apparentées, Sherbrooke, Canada, 2016/11.
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