

CURRICULUM VITAE EKATERINA SAFRONEEVA

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1. EDUCATION

2009

PhD, BIOCHEMISTRY AND BIOMEDICAL SCIENCES, MCMASTER UNIVERSITY, HAMILTON, ON, CANADA

Title: Characterization of the mucosal and systemic immune responses following virus vector-based gene delivery into the colonic mucosa.

Advisor: Prof. Jack Gauldie, PhD, FRSC, DSc.

1997 - 2001

B.SC. (HONS) WITH DISTINCTION, UNIVERSITY OF TORONTO, TORONTO, ON, CANADA

Specialization: Biological chemistry

2. EMPLOYMENT HISTORY

2021 -

SENIOR SCIENTIST, INSTITUTE OF SOCIAL AND PREVENTIVE MEDICINE, UNIVERSITY OF BERN, BERN, SWITZERLAND

2011 - 2018

SENIOR POSTDOCTORAL FELLOW, INSTITUTE OF SOCIAL AND PREVENTIVE MEDICINE, UNIVERSITY OF BERN, BERN, SWITZERLAND

2009 - 2010

POSTDOCTORAL FELLOW, THE FARNCOMBE FAMILY DIGESTIVE HEALTH RESEARCH INSTITUTE, MCMASTER UNIVERSITY, HAMILTON, ON, CANADA

3. INSTITUTIONAL RESPONSIBILITIES

- Principal investigator of SNF-funded project "Development of process-of-care measures and evaluation of their performance in adults with eosinophilic esophagitis (EoE-Q-CARE)" (32473B_185008)
- Management, questionnaire design, statistical analyses, and medical writing for the project: "Defining clinically meaningful therapeutic endpoints in eosinophilic esophagitis" (32003B_160115/1 from SNF);
- Management, questionnaire design, qualitative analyses, and medical writing for the project: "Development, Validation and Evaluation of an Adult and Pediatric Eosinophilic Esophagitis Activity Index: A Prospective Multicenter Study" (32003B_135665/1 from SNF);
- Questionnaire design and contribution to various projects of Swiss Eosinophilic Esophagitis Cohort Study (33CS30_177523/1 from the SNF);
- Contribution to various projects of Swiss Inflammatory Bowel Disease Cohort Study (33CS30_177523/1 from the SNF).

4. SUPERVISION OF JUNIOR RESEARCHERS AT GRADUATE/ POST-GRADUATE LEVEL

- Completed and ongoing master projects for MD students: David Hafner (supervisor together with Claudia E. Kuehni), Camilla Schürmann (supervisor together with Alain M. Schoepfer); Marie-Luise Goertler (supervisor together with Alain M. Schoepfer); Cecille Olsommer (supervisor together with Alain M. Schoepfer).
- Completed and ongoing MD thesis: Lukas Balsiger (paper published in Alimentary Pharmacology and Therapeutics; supervisor together with Alain M. Schoepfer); David Hafner (paper published in Int Arch Allergy Immunol; supervisor together with Claudia E. Kuehni), Camilla Schürmann (paper accepted in Int Arch Allergy Immunol., supervisor together with Alain M. Schoepfer).

5. TEACHING ACTIVITIES

- Prepared and conducted tutorial sessions on clinical epidemiology (University of Bern; 2021-2022);
- Prepared and conducted weekly tutorial sessions for first year MD students (University of Bern; 2017-2021);
- Prepared and conducted weekly tutorial sessions, and graded assignments (one term per year; McMaster University, Department of Biochemistry and Biomedical Sciences, Hamilton, ON, Canada).

6. MEMBERSHIPS IN PANELS, BOARD, AND SCIENTIFIC REVIEWING

- Memberships: Lead of Core Outcome Set in Eosinophilic Esophagitis initiative; member of European Society of Eosinophilic Esophagitis Researchers (EUREOS); member of the eosinophilic esophagitis work group at European Academy of Allergy and Clinical Immunology (EAACI);
- Scientific advisor for several pharmaceutical companies: AVIR Pharma, Sanofi-Genzyme;
- Scientific reviewing: reviewing for Allergy, Clinical Gastroenterology and Hepatology; Digestive and Liver Disease, Diseases of the Esophagus, European Respiratory Journal, International Archives of Allergy and Immunology, Neurogastroenterology and Motility, United European Gastroenterology Journal.

7. ACTIVE MEMBERSHIPS IN SCIENTIFIC SOCIETIES, FELLOWSHIPS IN RENOWNED ACADEMIES

- American Gastroenterological Association (AGA);
- European Academy of Allergy and Clinical Immunology (EAACI);
- European Crohn and Colitis Organization (ECCO);
- Swiss Gastroenterological Association (SGGSSG);
- United European Gastroenterology (UEG).

8. PRIZES, AWARDS, FELLOWSHIPS

- SNSF: Development of process-of-care measures and evaluation of their performance in adults with eosinophilic esophagitis (EoE-Q-CARE)
- Fourth CURED EGID Research Conference: Late Breaking Award Discovery: Adult eosinophilic esophagitis patients' satisfaction with different disease-specific treatment modalities (2017);
- Gastroenterology prize from Swiss Society of Gastroenterology for the paper titled Symptoms Have Modest Accuracy in Detecting Endoscopic and Histologic Remission in Adults With Eosinophilic Esophagitis (2015);

- Natural Sciences and Engineering Research Council Undergraduate Student Research Award (2001);
- Dupont Canada Inc. Summer Research Scholarship (1999);
- Martin L. Wills Research Scholarship funded by Heart and Stroke Foundation of Ontario (1997).