

THE UNIVERSITY OF BRITISH COLUMBIA
Curriculum Vitae for Faculty Members

Date: March 4, 2022 **Initials:**

1. **SURNAME:** Motieian Najar **FIRST NAME:** Hossain
2. **DEPARTMENT/SCHOOL:** Oral, Biological and Medical Sciences
3. **FACULTY:** Dentistry
4. **PRESENT RANK:** Clinical Professor **SINCE:** April, 2022

5. **POST-SECONDARY EDUCATION**

University or Institution	Degree	Subject Area	Dates
Western Illinois University, U.S.A.	B.Sc.	Microbiology	1983
University of Illinois, U.S.A.	M.Sc.	Immunology	1986
University of Gottingen, Germany, Medical School	Ph.D.	Immunology	1992

M.Sc. Production of Lymphocyte Migration Enhancement Factors produced by macrophage and macrophage cell lines that regulate lymphocyte migration. Supervisor: Dr. Tak Cheung

Ph.D. Adenosine and its derivatives controls monocyte differentiation into macrophage or dendritic cells. Supervisor: Dr. H.J. Peters

Special Professional Qualifications

University, Company or Organization	Title	Dates
University of Kassel, Germany	Higher Education and International Development: Research Management	April 1990 to September 1990
University of Gottingen, Germany	PDF: CD8+ cells inhibit HIV replication in vitro. Supervisor: J.H. Peters	1991-1992
Pasteur Institute, Paris, France	PDF: Development of a peptide to target Dendritic cells by phage display. Supervisor: Prof. C. Leclerc.	2001-2002

6. EMPLOYMENT RECORD

(a) *Prior to coming to UBC*

University, Company or Organization	Rank or Title	Dates
Blood Transfusion Centre of Iran	Deputy of Research	1994-1996
Pasteur Institute of Iran	Deputy of Research	1996-1998
University of Tehran Medical School	Assistant Professor/Associate	1992-2001
Pathobiology lab centre, Tehran, Iran	Head of tumour immunology lab. Specific duties included: Hepatitis lab and tumour immunology lab management. Supervised 6 technicians and reported to Dr. Bagherzadeh, the head of the Pathobiology lab centre.	1993-2001

(b) *At UBC*

Department	Rank or Title	Dates
Faculty of Medicine	PBL tutor and Instructor (part-time)	2004-2005
Faculty of Medicine, Women's and Children's Hospital	Research Associate (full-time)	2002-2009
Faculty of Dentistry	Clinical and PBL Instructor	2005-2012
Faculty of Medicine	DPAS tutor and instructor(part-time)	2005-2015
Faculty of Dentistry	Clinical Assistant Professor	April 2012-2017
Faculty of Dentistry	Clinical Associate Professor	April 2017-2022
Faculty of Dentistry	Clinical Professor	April 2022-present

(c) *Date of granting of tenure at U.B.C.: N/A*

7. LEAVES OF ABSENCE

University, Company or Organization at which Leave was taken	Type of Leave	Dates
N/A		

8. TEACHING

(a) *Areas of special interest and accomplishments*

My expertise is in Problem Based Learning. I am able to teach, manage, write cases for students in a Problem Based Learning (PBL) environment. I have performed numerous workshops on this.

1991-92	University of Gottingen, Germany: Cell biology and tissue culture
1992-00	University of Tehran Medical School: Cell biology, Immunology, Microbiology
1993-94	University of Tarbiat Modarres, Tehran: Research methods in Immunology and Microbiology for M.Sc. students
1993-99	Pasteur Institute: Advanced Immunology

1996-99 Azad University, Immunogenetics, , General Microbiology
 2002-2017 University of British Columbia (UBC):
 a) Problem Based Learning (PBL) tutor and instructor , Faculty of Medicine
 b) Doctor, Patient and Society (DPAS) instructor, Faculty of Medicine
 2005-11 Faculty of Dentistry, Clinical Instructor for the first and second year dental students
 2012-present Faculty of Dentistry, Clinical Assistant/Associate Professor

(a) *Courses Taught**Prior to UBC*

Session	Institution	Course Number or Description	Schedule d Hours	Class Size	Hours Taught		
					Lectures	Tuto rials	Other
1993-94	Tarbiat Modarres University	Research Methods in Immunology and Microbiology	1 hr/wk	15	16 hrs/term		
1993-99	Pasteur Institute of Iran	Advanced Immunology (Ph.D. students)	2 hrs/wk	10-12	10 hrs/term	10 hrs	
1996-99	Free University	Immunogenetics	3 hrs/wk	12	16 hrs/term	8 hrs	
1993-00	University of Tehran	Medical Immunology	2 hrs/wk	250	12 hrs/term	12 hrs	1 hr/wk course administration and planning
1993-00	University of Tehran	Cell Biology	2 hrs/wk	30-35	12 hrs/ term	12 hrs	
1994- 1996	Free university	Biology	3 hrs/wk	25	42 hrs/term		

At UBC

Session	Course Number	Schedule d Hours	Class Size	Hours Taught			
				Lectures	Tutorials	Labs	Other
Fall, Sept 2011 to present	DHYG106 Microbiology/Immu nology	3hrs/wk	30	3hrs/wk	1hr/wk	-	3 credit hrs
Fall, Sept 2011 to present	DHYG 405 Adv.Mic/Immunolo gy	3hrs/wk	25	3hrs/wk	1hr/wk	-	3 credit hrs
Fall/ Winter Sept 2011 to present	DENT 410 (Oral microbiology / infection control	6hrs/semes ter	50	6 hrs/semester	9hrs/semes ter	-	1 credit hrs
Fall/ Winter Sept 2011 to present	DHYG 405 Adv.Mic/Immunolo gy	On line delivery	25-30				3 credit hrs

Fall/ Winter 2003- present	DPAS 410 Professionalism and Medical Ethics	3hrs/ week	9-10		Small group tutorial sessions		
Fall/ Winter 2003- present	DPAS 420 Professionalism and Medical Ethics yr 2	3hrs/ week	9-10		Small group tutorial sessions		
Winter Jan 2011 Present/e very other years	DENT 544 Graduate level Advanced Oral Mic/ Immunology	22hrs/sem ester	12	22 hrs/semester			1.5 credit hrs
Fall/ Winter Jan 2005- present	DENT 430 (General dentistry)	10hrs/ semester			5 tutorial sessions (PBL cases) to a group of 9- 10 students		
Winter 2011- present	DENT 430 (Immunology of Periodontal disease)	2hrs/semi ster	50				
Winter/ Fall 2006- present	DENT 410	10 hrs/semi ster			PBL tutorial sessions for 9-10 students		
Winter/ Fall 2004- present	**FMED (Foundation of Medicine) which includes General biology, Human Anatomy and Physiology (see below)	120 hrs/ semester			PBL tutorial sessions for 9-10 students		
Winter 2014	DENT 430 (Immunology of Periodontal disease)	2hrs/semi ster	50				
Fall, Sept 2014	DHYG106 Microbiology/Immu nology	3hrs/wk	30	3hrs/wk	1hr/wk	-	3 credit hrs
Fall, Sept 2014	DHYG 405 Adv.Mic/Immunolo gy	3hrs/wk	25	3hrs/wk	1hr/wk	-	3 credit hrs
Fall/ Sept 2014	DHYG 405 Adv.Mic/Immunolo gy	On line delivery	25-30				3 credit hrs

Fall/ Winter 2014/15	DPAS 410 Professionalism and Medical Ethics	3hrs/ week	9-10		Small group tutorial sessions		
Fall/ Winter 2014-15	DPAS 420 Professionalism and Medical Ethics yr 2	3hrs/ week	9-10		Small group tutorial sessions		
Winter/ Fall 2014-15	**FMED (Foundation of Medicine) which includes General biology, Human Anatomy and Physiology (see below)	120 hrs/ semester			PBL tutorial sessions for 9-10 students		
Winter 2015	DENT 430 (Immunology of Periodontal disease)	2hrs/seme ster	50				
Fall, Sept 2015	DHYG106 Microbiology/Immu nology	3hrs/wk	30	3hrs/wk	1hr/wk	-	3 credit hrs
Fall, Sept 2015	DHYG 405 Adv.Mic/Immunolo gy	3hrs/wk	25	3hrs/wk	1hr/wk	-	3 credit hrs
Fall/ Sept 2015	DHYG 405 Adv.Mic/Immunolo gy	On line delivery	25-30				3 credit hrs
Fall/ Winter 2015-16	DPAS 410 Professionalism and Medical Ethics	3hrs/ week	9-10		Small group tutorial sessions		
Fall/ Winter 2015-16	DPAS 420 Professionalism and Medical Ethics yr 2	3hrs/ week	9-10		Small group tutorial sessions		
Winter/ Fall 2015-16	**FMED (Foundation of Medicine) which includes General biology, Human Anatomy and Physiology (see below)	120 hrs/ semester			PBL tutorial sessions for 9-10 students		

Winter 2016	DENT 430 (Immunology of Periodontal disease)	2hrs/semester	50				
Fall, Sept 2017	DHYG106 Microbiology/Immunology	3hrs/wk	30	3hrs/wk	1hr/wk	-	3 credit hrs
Fall, Sept 2016	DHYG 405 Adv.Mic/Immunology	3hrs/wk	25	3hrs/wk	1hr/wk	-	3 credit hrs
Fall/ Sept 2016	DHYG 405 Adv.Mic/Immunology	On line delivery	25-30				3 credit hrs
Fall/ Winter 2016-17	DPAS 410 Professionalism and Medical Ethics	3hrs/semester	9-10		Small group tutorial sessions		
Winter/ Fall 2016-17	**FMED (Foundation of Medicine) which includes General biology, Human Anatomy and Physiology (see below)	95 hrs/semester			PBL tutorial sessions for 9-10 students		

TEACHING (Period June 1, 2017-May 31, 2018)

1. List all the courses you will direct or participate in.

Course #	Course Name	Program	Role	Teaching hours
DHYG 106	Mic & Immunol.	DHYG	Course coordinator and instructor	55 hrs/ Fall
DHYG 405	Mic & Immunol.	DHYG-ETP	Course coordinator and instructor	45 hrs/ Fall
DHYG 405	Mic & Immunol.	DHYG-DC	Course coordinator and instructor	80 hrs/ Fall
Grad orientation	Introduction to infection control	DMD	Instructor	1.5 hrs/Fall
DENT 430	Immunology of Periodontal Disease	DMD	Instructor	1 hr/Fall
FMED 420	FMED	DMD	Tutor	56 hrs/ Fall

DENT 420 DENT 430	OMFR-DALE FMED-DALE	DMD	Tutor	16 hrs/Fall &Spring
DENT 420 DENT 430	FMED-DALE	DMD	Tutor	12 hrs/Fall & Spring
FMED 420	FMED	DMD	Tutor	45 hrs/ Spring
DENT 544	Advanced Mic & Immunol	Grad	Course coordinator and instructor	20 hrs/Spring
				331.5 hrs total

TEACHING (Period June 1, 2018-May 31, 2019)

1. List all the courses you will direct or participate in.

Course #	Course Name	Program	Role	Teaching hours
DHYG 106	Mic & Immunol.	DHYG	Course coordinator and instructor	55 hrs/ Spring
DHYG 405	Mic & Immunol.	DHYG-ETP	Course coordinator and instructor	45 hrs/ Fall
DHYG 405	Mic & Immunol.	DHYG-DC	Course coordinator and instructor	80 hrs/ Fall
Grad orientation	Introduction to infection control	DMD	Instructor	1.5 hrs/Fall
DENT 430	Immunology of Periodontal Disease	DMD	Instructor	1 hr/Spring
FMED 420	FMED	DMD	Tutor	56 hrs/ Fall
DENT 420 DENT 430	OMFR-DALE FMED-DALE	DMD	Tutor	16 hrs/Fall &Spring
DENT 420 DENT 430	FMED-DALE	DMD	Tutor	12 hrs/Fall & Spring

FMED 420	FMED	DMD	Tutor	45 hrs/ Spring
DENT 544	Advanced Mic & Immunol	Grad	Course coordinator and instructor	20 hrs/Spring Every other year
				331.5 hrs total

TEACHING (Period June 1, 2020-May 31, 2021)

1. List of the courses I will direct or participate in.

Course #	Course Name	Program	Role	Teaching hours
DHYG 106	Mic & Immunol.	DHYG	Course coordinator and instructor	55 hrs/ Spring
DHYG 405	Mic & Immunol.	DHYG-ETP	Course coordinator and instructor	45 hrs/ Fall
DHYG 405	Mic & Immunol.	DHYG-DC	Course coordinator and instructor	80 hrs/ Fall
Grad orientation	Introduction to infection control	DMD	Instructor	1.5 hrs/Fall
DENT 430	Immunology of Periodontal Disease	DMD	Instructor	1 hr/Spring
FMED 410	FMED	DMD	Tutor	56 hrs/ Fall
DENT 420 DENT 430	OMFR-DALE FMED-DALE	DMD	Tutor	16 hrs/Fall & Spring ??
DENT 420 DENT 430	FMED-DALE	DMD	Tutor	12 hrs/Fall & Spring ??
FMED 410	FMED	DMD	Tutor	45 hrs/ Spring
DENT 544	Advanced Mic & Immunol	Grad	Course coordinator and instructor	20 hrs/Spring Every other year
				331.5 hrs total

The teachings and PBL tutorials for this section, is year round and contains the following blocks:

Principles of Human Biology A
 Principles of Human Biology B
 Principles of Human Biology C
 Infection and Immunity
 Cardiovascular
 Pulmonary
 FERGU (Fluids, Electrolytes, Renal and Genito-Urinary)
 Brain and Behaviour
 Endocrinology
 Gastrointestinal
 Blood and Lymphatics
 Musculoskeletal and locomotor
 Reproduction
 Growth and development
 Skin (Integument)

I have been a PBL tutor in the past **17 years** for all the Medical and Dental students.. The Principles of Human Biology A and B and C are mainly the General biology and human Anatomy and Physiology content.

(b) *Students Supervised*

At UBC

Student Name	Program Type	Year		Supervisory Role (supervisor, co-supervisor, committee member)
		Start	Finish	
Tony Lee	Co-op	May 2004	Dec 2004	Co-supervisor (Principal supervisor: Jan Dutz)
Brent Chang	Directed study	June 2006	Oct 2007	Co-supervisor (Principal supervisor: Jan Dutz)
Wing-Ki Cheung	M.Sc. student	Sept 2006	2008	Co-supervisor (Principal supervisor: Jan Dutz)

Prior to UBC

Student Name	Program Type	Year		Supervisory Role (supervisor, co-supervisor, committee member)
		Start	Finish	
Gang Karimi, H.	M.Sc.	1994	1997	Supervisor
Kheirandish, M.	M.Sc.	1995	1997	Supervisor
Rahmani, M.R.	Ph.D.	1994	1998	Supervisor
Koukhaie, Z.	M.Sc.	1994	1996	Supervisor
Vaziri, M.	M.Sc.	1995	1997	Supervisor

Faraji, J.	M.Sc.	1997	1999	Supervisor
Mahdian, R.	Ph.D.	1997	2000	Supervisor

(d) *Continuing Education Activities**Courses Taken:*

1991-92	Higher Education and International Development, University of Kassel, Germany
2003	Instructional Skills Workshop (ISW) by TAG, UBC
2004	Grant Writing Workshop, BC Women's & Children's Hospital
2006	Multiple Choice Question Writing Workshop by the Medical Council of Canada
2006	Web-CT Workshop, E.Learning Institute of UBC
2011	Web-CT Workshop, E.Learning Institute of UBC

(e) *Visiting Lecturer (indicate university/organization and dates)*

Numerous

(f) *Other*

N/A

9. SCHOLARLY AND PROFESSIONAL ACTIVITIES(a) *Areas of special interest and accomplishments*(b) *Research or equivalent grants (indicate under COMP whether grants were obtained competitively (C) or non-competitively (NC))*

Granting Agency	Subject	COMP	\$ Per Year	Year	Principal Investigator	Co-Investigator(s)
UBC women's and Children Hospital	Travel grant		1200	2005	Dr Jan Dutz	
UBC women's and Children Hospital	Travel grant		1500	2007	Dr Jan Dutz	
UBC women's and Children Hospital	Travel grant		1100	2008	Dr Jan Dutz	

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- (c) *Research or equivalent contracts (indicate under COMP whether grants were obtained competitively (C) or non-competitively (NC)).*

Granting Agency	Subject	COMP	\$ Per Year	Year	Principal Investigator	Co-Investigator(s)
CIHR	TLR-9 adjuvant		100000	2006-9	Jan Dutz	Hossain Najjar
CIHR	Melanoma treatment		155000	2003-06	Jan Dutz	Hossain Najjar

- (d) *Invited Presentations*
Numerous

- (e) *Other Presentations*

- (f) *Other*

- (g) *Conference Participation (Organizer, Keynote Speaker, etc.)*

Numerous

10. SERVICE TO THE UNIVERSITY

- (a) *Areas of special interest and accomplishments*

- (b) *Memberships on committees, including offices held and dates*

2008-present Member, DMD (Dental Medical Doctorate) Admissions Committee, Faculty of Dentistry, UBC

2009-20 Member, IDDCP (*International Dental Degree Completion Program*) Admissions Interview Team

2015-present Member, DHYG (Dental Hygiene) MMI Admissions Interview Team

I am a member of PBL tutorial committee on interviewing and assessing DMD and IDDCP students since 2009. We select the new students in the above programs based on their performance in a PBL live session.

I am a member of MMI interviewers for DHYG new students since 2014

I have attended multiple workshops for MMI training.

I regularly and actively participate in Planning meeting and Progress meetings , CTEC committee of DHYG program.

(c) *Other service, including dates*

11. SERVICE TO THE COMMUNITY

(a) *Memberships on scholarly societies, including offices held and dates*

Member, Canadian Immunology Society
American Dental Education Association (ADEA)

(b) *Memberships on other societies, including offices held and dates*

(c) *Memberships on scholarly committees, including offices held and dates*

(d) *Memberships on other committees, including offices held and dates*

(e) *Editorships (list journal and dates)*

(f) *Reviewer (journal, agency, etc. including dates)*

1994-1997	Editor-in-Chief, Journal of BLOOD, printed by the Iranian Blood Transfusion Services of Iran
1993-2000	Co-editor in the "Medical Journal of the Islamic Republic of Iran" by the Ministry of Health, Iran
1995-2000	Co-editor in "Iranian Biomedical Journal" printed by the Ministry of Health, Iran

(g) *External examiner (indicate universities and dates)*

(h) *Consultant (indicate organization and dates)*

(i) *Other service to the community*

12. **AWARDS AND DISTINCTIONS**

(a) *Awards for Teaching (indicate name of award, awarding organizations, date)*

2010-11	Recipient of Award for Excellence in Teaching, Faculty of Dentistry, UBC
2011-12	Recipient of Award for Excellence in Teaching, Faculty of Dentistry, UBC
2012-13	Nominee for Award for Excellence in Teaching, Faculty of Dentistry, UBC
2018-19	Recipient for Award for Excellence in Teaching, Faculty of Dentistry, UBC
2021-22	Recipient for Award for Excellence in Teaching, Faculty of Dentistry, UBC

(b) *Awards for Scholarship (indicate name of award, awarding organizations, date)*

(c) *Awards for Service (indicate name of award, awarding organizations, date)*

2008-09	Certificate of Appreciation in recognition of excellent contribution to the UBC dental education.
2009-10	Certificate of Appreciation in recognition of excellent contribution to the UBC dental education.
2010-11	Certificate of Appreciation in recognition of excellent contribution to the UBC dental education.
2011-12	Certificate of Appreciation in recognition of excellent contribution to the UBC dental education.
2012-13	Certificate of Appreciation in recognition of excellent contribution to the UBC dental education.
2013-14	Certificate of Appreciation in recognition of excellent contribution to the UBC dental education.
2014-15	Certificate of Appreciation in recognition of excellent contribution to the UBC dental education.
2015-16	Certificate of Appreciation in recognition of excellent contribution to the UBC dental education.
2016-17	Certificate of Appreciation in recognition of excellent contribution to the UBC dental education.
2017-18	Certificate of Appreciation in recognition of excellent contribution to the UBC dental education.
2019-20	Certificate of Appreciation in recognition of excellent contribution to the UBC dental education.

(d) Other Awards

2011-12	Certificate of completion of the communication workshop for DPAS 410 at Faculty of Medicine.
2012-13	Certificate of completion of the communication workshop for DPAS 410 at Faculty of Medicine.
2013-14	Certificate of completion of the communication workshop for DPAS 410 at Faculty of Medicine
2014-15	Certificate of completion of Indigenous cultural competencyworkshop for DPAS 410 at Faculty of Medicine

13. OTHER RELEVANT INFORMATION (Maximum One Page)

Translation of the book, *Life, Death and the Immune System*, into Persian in 1995

Technical expertise:

- Immunochemistry
- Cell and tissue culture: culture of primary and transformed cell lines
- Immunoassays
- Flow Cytometry (BD)
- ELISA – Development and validation of ELISA methods
- Chromatography
- Blotting
- Eletrophoresis, SDS-PAGE
- Fluorescent microscopy
- PCR
- Monoclonal antibody production
- ELISPOT
- Cell proliferation assays
- Protein and antibody purification
- Epicutaneous immunization
- Animal work (mouse, rat and rabbit)
- Manual sequencing of peptides
- Bio-panning, amplification and titration of phage
- CTL assays (in vivo and in vitro)
- Peptide binding assays (stabilization test)
- Operation of computer software
- Biosafety and radioisotope certificate from the University of British Columbia

THE UNIVERSITY OF BRITISH COLUMBIA
Recent Publications Record (2003-onward)

SURNAME: Najar

FIRST NAME: Hossain
MIDDLE NAME(S): Motieian

Initials:
Date: Nov 4, 2018

1. REFEREED PUBLICATIONS

(a) *Journals*

Recent publications (2003-2010):

1. **Najar, H.** and J. Dutz. Epicutaneous CpG enables DC to generate an effective CTL response. *Can. J. Clin. Pharmacol.* 10(3):142, 2003.
2. Klimuk, S. **H. Najar**, S. Aslanian and JP Dutz. Epicutaneous application of CpG oligonucleotide with peptide or protein antigen promotes the generation of CTL. *J Invest. Dermatol.* 122 (4):1042-9, 2004.
3. Schlecht G., **H. Najar** C. Leclerc, Antigen targeting to CD11b allows efficient presentation of CD4+ and CD8+ T cell epitopes and in vivo Th1-polarized T cell priming *J. Immunol.* 173:6089-97, 2004.
4. Mahdian R., Koukhai P., Melstedt, H, Choudhury A, and **H. M. Najar**. Dendritic cells, pulsed with lysate of allogeneic tumor cells, are capable of stimulating MHC-restricted antigen-specific antitumor T cells. *Medical Oncology.* 23(2):273-82, 2006.
5. Tafti F.S, Karimi S., **Najar H.M.** and Mansouri D. Chronic granulomatous disease with unusual clinical manifestatio, outcome, and pattern of inheritance in an Iranian family. *J. Clinical Immunology.* 26(3):291-6, 2006.
6. **Najar, H.M.** and J. Dutz. Using the skin to improve vaccine responses: Topical TLR9 family agonists induce more efficient cross-presentation of injected protein antigen than parenteral adjuvant. *Eur J Immunol.* 37(8):2242-56, 2007.
7. **Najar, H.M.** and J. Dutz. Epicutaneous CpG adjuvant enhances response of malignant melanoma to chemotherapy. *J. Invest. Dermatology.* 128, 2204-2210, 2008.
8. Chang B.A, **H.M. Najar** and J.P. Dutz. Topical resiquimod promotes priming of CTL to parenteral antigens. *Vaccine*, 27(42),5791-9, 2009.
9. **Najar H. M.**, and J. Dutz. A melanoma peptide that induces specific CD8+ T cell and anti-tumor response. *Cancer Research.* Submitted for publication.

(b) *Conference Proceedings*

Recent abstracts:

1. **Najar, H.M.** and J. P. Dutz 2004. Epicutaneous CpG adjuvant enhances response of malignant melanoma to chemotherapy. 12th International Congress of Immunology and 4th Annual Conference of FOCIS. Montreal, Canada
2. **Najar, H.M.** and J. P. Dutz .2004. Application of CpG adjuvant to intact skin enhances response of malignant melanoma to Dacarbazine. UBC Dermatology Research Day. 2004 Annual Meeting. Vancouver, Canada.

3. **Najar, H.M.**, M. Ghoreishi and J. P. Dutz,. 2005. Epifocal CpG oligonucleotide treatment along with DTIC as therapy for malignant melanoma . 18th Spring meeting of the Canadian Society for Immunology. Whistler, Canada.
4. Lin T., **H.M. Najar**. 2005. Otimizing vaccination to self antigens through the use of universal helper epitop and TLR9 agonists. UBC Dermatology Research Day. 2005 Annual Meeting. Vancouver, Canada.
5. **Najar, H.M.** and J. P. Dutz. 2005. CpG-ODN treatment along with DTIC as therapy for melanoma..UBC Dermatology Research Day. 2005 Annual Meeting. Vancouver, Canada.
6. **Najar, H.M.** and J. P. Dutz .2005. Epifocal CpG adjuvant to intact skin enhances response of malignant melanoma to chemotherapy., CDA 80th annual conference. Qebec city, Canada.
7. **Najar, H.M.** and J. P. Dutz. 2006. Topical CpG promotes cross presentation of antigen and generates an efficient memory response. UBC Dermatology Research Day. 2006 Annual Meeting. Vancouver, Canada.
8. **Najar, H.M.**, and J.P. Dutz. 2007. Mechanism of topical adjuvant effect on immune responses to subcutaneous antigen. UBC Dermatology Research Day. 2007 Annual Meeting. Vancouver, Canada.
9. Cheung B., **H.M. Najar** and J.P. Dutz. 2007. Multiple doses of topical TLR-7/8 agonist enhance CTL priming to subcutaneiously administered antigen in comparison to single doses. UBC Dermatology Research Day. 2007 Annual Meeting. Vancouver, Canada.
10. Cheung B., **H.M. Najar** and J.P. Dutz, 2008. Topical resiquimode is an effective inducer of CTL to parenteral antigens in mice. UBC Dermatology Research Day. 2008 Annual Meeting. Vancouver, Canada.
11. **Najar, H.M.**, and J.P. Dutz. 2007. How inflaming the skin affects the lymph node: Phenotype of dendritic cells and cytokine response to topical adjuvant. DC2007, DC Vaccination and other Strategies to tip the Balance of the Immune System. Bamberg, Germany.
12. **Najar, HM.**, and J.P. Dutz, 2008. An Osteopontin-derived peptide is effective as a tumor vaccine against B16 melanoma. BC Cancer Agency 2008 Annual Cancer Conference. Vancouver, Canada.

(c) *Other*

2. **NON-REFEREED PUBLICATIONS**

(a) *Journals*

(b) *Conference Proceedings*

(c) *Other*

3. **BOOKS**

(a) *Authored*

(b) *Edited*

(c) *Chapters*

4. **PATENTS**

5. **SPECIAL COPYRIGHTS**

6. **ARTISTIC WORKS, PERFORMANCES, DESIGNS**

7. **OTHER WORKS**

8. **WORK SUBMITTED** (including publisher and date of submission)

9. **WORK IN PROGRESS** (including degree of completion)