

CURRICULUM VITAE

DATE PREPARED: November 2020

Name: Iwona Maria Gabriel

Office address: Department of Gynecology, Obstetrics and Oncological Gynecology
Medical University of Silesia
ul. Batorego 15
41-902 Bytom, Poland

**Division of Urogynecology
Brigham and Women's Hospital
75 Francis street Boston 02215**

Home address: 83 Harvard street Apt. 27
02445 Brookline MA

Work E-Mail: igabriel@partners.org

Place of Birth: Piekary Slaskie, Poland

Education:

1999- 2005 MD Medical University of Silesia, Katowice, Poland

2007- 2008 PhD Medical University of Silesia, Zabrze, Poland

2014 Specialist in Obstetrics and Gynecology, Polish Board certification

Post-graduate training

Oct 2005 – Oct 2006 Intern Multidisciplinary Regional Hospital, Bytom, Poland

May 2006 – Jun 2006 Intern Landspítali University Hospital, Reykjavik, Iceland

Dec 2006- Mar 2007 Staff Physician Medical Oncology, Regional Oncology Center, Opole

May 2007- Dec 2013 Resident OB&GYN University Hospital, Bytom, Poland

May 2020 Fellow in Gynecologic Oncology, Medical University of Silesia, Bytom,
Poland

Appointments at Hospitals/Affiliated Institutions:

Research Collaborator Division of Urogynecology, Brigham and Women's Hospital,
Boston, MA

Division of Epidemiology, Brigham and Women's Hospital,
Boston, MA

Assistant Professor Department of Gynecology, Obstetrics and Oncological
Gynecology, Medical University of Silesia, Bytom, Poland

PhD Thesis: Flora bakteryjna pochwy a kolonizacje przewodu pokarmowego noworodków z ciąży fizjologicznych/ **Vaginal flora and the intestinal colonization in newborns born from uncomplicated pregnancies**

CO-EDITED CHAPTER: Vaginal hysterectomy and salpingectomy: Gabriel I, Kho R; Springer 2018.

CO- EDITED CHAPTER: Urinary tract disorders: Minassian V, Gabriel I. Berek&Novak 16th. Ed. Wolters Kluwer, 2019.

TRANSLATION FROM ENGLISH TO POLISH: GOODMAN M. FEMALE GENITAL PLASTIC AND COSMETIC SURGERY- *Ginekologia Plastyczna* PZWL 2018

REVIEWER: American Journal of Obstetrics and Gynecology, Archives in Obstetrics and Gynecology, International Urogynecology Journal, mSphere, mBio, British Journal of Obstetrics and Gynecology, European Journal of Obstetrics and Gynecology and Reproductive Biology, *Ginekologia Polska*

MODERATOR AT SESSIONS DURING INTERNATIONAL MEETINGS: 45th AAGL Global Congress on MIGS- 2016, 46th AAGL Global Congress on MIGS- 2017, 47th AAGL Global Congress on MIGS- 2018

DISCUSSANT AT SESSIONS DURING INTERNATIONAL MEETINGS: 48th AAGL Global Congress on MIGS-2018

SPEAKER AT INTERNATIONAL MEETINGS: II Międzynarodowy Kongres Ginekologii Plastycznej- 2016, III Międzynarodowy Kongres Ginekologii Plastycznej- 2018

MEMBER OF PROFESSIONAL SOCIETIES: Polish Society of Gynecologists and Obstetricians, American Association of Gynecologic Laparoscopists, International Urogynecological Association

Abstracts, Poster Presentations and Exhibits Presented at Professional Meetings (in last 5 years):

1. **Gabriel I**, Vitonis A, DiVasta A, Faduyomi A, Missmer S, Terry K, Mianssian VA. Association between endometriosis and lower urinary tract symptoms. ACOG 2020 Virtual Meeting, April 2020.
2. Miranne JM, Abdalian T, **Gabriel I**, Cohen S, Ajao M, Einarsson J, Minassian V. Oxycodone use during the post-operative period after hysterectomy for benign indications. SGS 2020 Virtual Meeting, July 2020.
3. Miranne JM, Minassian VA, **Gabriel I**, Abdalian T. Prevalence of urinary incontinence and prolapse after hysterectomy for benign disease versus gynecologic malignancy. 2019 AUGS/IUGA Joint Meeting, Nashville, USA.
4. **Gabriel I**, Kalousdian A, Abdalian T, Minassian VA. Incidence of prolapse after different modes of hysterectomy: a 10-year perspective. 2019 AUGS/IUGA Joint Meeting, Nashville, USA.
5. Chiang A, **Gabriel I**, Minassian VA. Excision of Intravesical Mini Sling Using and exclusively Transurethral Approach. 2018 IUGA International Meeting, Vienna, AT.
6. Barletta K, Cohen S, **Gabriel I**, Minassian VA. Revisiting the Laparoscopic Burch. 2018 IUGA International Meeting, Vienna, AT.
7. **Gabriel I**, Raju C, Lazarou G, Sabatino N, Grigorescu B. Factors affecting contained specimen manual extraction after robotic assisted laparoscopic supracervical hysterectomy during pelvic organ prolapse surgery. 2018 IUGA International Meeting, Vienna, AT.
8. **Gabriel I**, Vitonis A, Welch W, Titus L, Cramer D. Douching, talc use and risk of ovarian cancer and conditions related to genital tract inflammation. 2018 DF/HCC Breast and Gynecologic Cancer Symposium, Boston, MA
9. **Gabriel I**, Tavakkoli A, Minassian VA. Pelvic organ prolapse and urinary incontinence after bariatric surgery. AUGS-PFD Week 2017, Providence, Rhode Island, 2017
10. **Gabriel I**, Olejek A. Summary of maternal mortality in Upper Silesia, Poland between 2000-2012. FIGO World Congress, Vancouver, Canada, 2015

Peer reviewed publications in print:

1. **Gabriel I**, Kalousdian A, Brito LG, Abdalina T, Vitonis A, Minassian VA. Pelvic organ prolapse after three modes of hysterectomy: long-term follow up. *Am J Obstet Gynecol* 2020; S0002-9378 (20)31296-5. Online ahead of print. **IF: 6.502.**
2. Witek Ł, Janikowski T, **Gabriel I**, Bodzek P, Olejek A. Analysis of microRNA regulating cell cycle-related tumor suppressor genes in endometrial cancer patients. *Human Cell* 2020; doi: 10.1007/s13577-020-00451-6. **IF: 3.463.**
3. Robenek M, Olejek A, Witek L, Augusciak-Duma A, Drozdowska B, **Gabriel I**. Presence of human papilloma virus in Caucasian women living in the central Europe diagnosed with vulvar intraepithelial neoplasia. *Ginekol Pol* 2020; 91: 181-4. **IF: 0.08.**
4. **Gabriel IM**, Vitonis AF, Welch WR, Titus L, Cramer DW. Douching, talc use and risk of ovarian cancer and conditions related to genital tract inflammation. *Cancer Epidemiol Biomarkers Prev* 2019; 28: 1835-44. **IF: 5.057.**
5. Govender Y, **Gabriel I**, Minassian V, Fichorova R. The current evidence on the association between the urinary microbiome and urinary incontinence in women. *Front Cell Infect Microbiol* 2019 May 1;9:133. **IF: 3.518.**
6. **Gabriel I**, Chiang HA, Kalousdian A, Minassian VA. Intravesical extrusion of a single-incision anchor with a simple transurethral resection technique: a case report. *Female Pelvic Med Reconstruct Surg* 2019; 25: 457-8. **IF: 1.331.**
7. Paul M, Barwijuk M, Jurkiewicz A, Kolczewski P, **Gabriel I**. Invasive aesthetic gynecology trends in Poland between 2010 and 2016: a multicenter experience. *J Plast Reconstruct Aesthet Surg* 2018; 71: 1362-1380. **IF: 2.04.**
8. **Gabriel I**, Tavakkoli A, Minassian V. Pelvic organ prolapse and urinary incontinence in women after bariatric surgery: 5-year follow up. *Female Pelvic Med Reconstruct Surg* 2018; 24: 120-125. **IF: 1.331.**
9. **Gabriel I**, Olejek A, Stencel-Gabriel K, Wielgos M. The influence of maternal vaginal flora on the intestinal colonization in newborns and 3-month-old infants. *J Matern Fetal Neonatal Med* 2018; 31:1448-53. **IF:1.674.**
10. Olejek A, **Gabriel I**, Bilska-Janosik A, Kozak-Darmas I, Kawczyk-Krupka A. ALA- photodynamic treatment in Lichen sclerosus- clinical and immunological outcome focusing on the assesment

of antinuclear antibodies. Photodiagnosis and Photodynamic therapy; 2017 18:128-132.**IF: 2.412**

11. Stencel-Gabriel K, **Gabriel I**, Wiczkowski A, Olejek A. Intestinal colonization in Polish infants: from newborns till 18 month-old children. Polish Annals of Medicine 2017; 24: 138-143.
12. **Gabriel I**, Olejek A, Drozdowska B. Colon cancer in pregnancy-a difficult diagnosis. Eur J Obstet Gynecol Reprod Biol 2016; 203: 340-1. **IF: 1,662.**
13. Olejek A, Kucharzewski M, Stencel-Gabriel I, **Gabriel I**. Metody pielęgnacji ran po zabiegach wulvectomii. Leczenie Ran 2016; 13: 51-55
14. Stencel-Gabriel K, Czuba Z, **Gabriel I**, Majda A. Urinary leukotriene E4 at 12 months and influencing factors. Journal of Education, Health and Sport 2016; 6:197-206.
15. **Gabriel I**, Olejek A. Endometriosis resulting in elevation of inflammatory cytokines in peripheral blood. Journal of Health Sciences 2014; 04(02): 169-172.
16. **Gabriel I**, Olejek A. The value of hysteroscopic- based decision- making in uterine abnormalities during tamoxifen intake in breast cancer patients- preliminary report. Videosurgery Miniinv 2014; 9 (2): 258-261. **IF: 0.92**
17. Olejek A, **Gabriel I**, Mazur B. The role of Th17 lymphocytes in immunologic mechanisms of spontaneous abortion. Ginekologia i Położnictwo Medical Project 2014; 2(32): 17-21.
18. **Gabriel I**, Kozak-Darmas I, Olejek A. Precancer vulvar dysplasia- a literature review and self-experience. Postępy Nauk Medycznych 2013; 7: 461-466.
19. Stencel-Gabriel K, **Gabriel I**, Wiczkowski A, Paul M, Olejek A. Prenatal priming of a cord blood T lymphocytes by microbiota in the maternal vagina. Am J Reprod Immunol 2009; 61: 246- 252. **IF: 2,916.**
20. Stencel-Gabriel K, **Gabriel I**, Czuba Z, Mazur B, Górski P. CD30 on stimulated CD4+ T lymphocytes in newborns regarding atopic heredity. Pediatr Allergy Immunol 2007; 18: 659-64. **IF: 3,947.**
21. **Gabriel I**, Stencel- Gabriel K, Gabriel E, Olejek A, Wiczkowski A. Grzyby drożdżopodobne w pochwie kobiet ciężarnych (Candida in vagina of pregnant women). Mikol Lekarska 2007; 14: 56-58.

H-index 5 i10 index-3

REPORT OF FUNDED AND UNFUNDED PROJECTS Funding Information:

National/Local Funding

2005- **Polish Scientific Committee**- part of a larger project-

MATERNAL VAGINAL MICROBIOTA AND NEWBORN'S IMMUNITY

(Samples collection, data entry, data analysis)

2007- **University fund-**

MATERNAL VAGINAL MICROBIOTA AND THE COLONIZATION OF POLISH NEWBORNS

(PhD thesis, samples collection, data entry, data analysis)

2011- **University fund-**

THE ROLE OF Th17 LYMPHOCYTES IN THE MECHANISM OF SPONTANEOUS ABORTION

(samples collection, data analysis)

2011- **University fund-**

THE EFFICACY OF HYSTEROSCOPIC ASSESSMENT OF ENDOMETRIUM IN WOMEN

TREATED WITH TAMOXIFEN OR ARIMIDEX IN THE QUALIFICATION FOR THE ELECTIVE
TAH

(patient's enrollment, procedure performance, data analysis, manuscript writing)

2012- **University fund-**

ASSESSMENT OF INFLAMMATORY MARKERS (IL-6, IL-8, IFN-GAMMA) IN WOMEN ON
PHARMACOLOGIC TREATMENT OF ENDOMETRIOSIS (DIENOGEST VS. OCP)

(IRB writing)

2014- **University fund-**

THE DIFFERENCES IN THE EXPRESSION OF p53 PROTEIN AND CONCOMITANT HPV
INFECTION WITH PATIENTS WITH uVIN AND dVIN

(samples collection, data entry, data analysis, manuscript writing)

2015- **University fund-**

ASSESSMENT OF INFLAMMATORY MARKERS (IL-6, IL-8, IFN-GAMMA) IN WOMEN ON
PHARMACOLOGIC TREATMENT OF ENDOMETRIOSIS

(data analysis)- **project done in collaboration with Department of Obstetrics and Gynecology,
Hospital Clinico, Barcelona, Spain**

2018- **University fund-**

URINARY MICROBIOME IN WOMEN WITH OVERACTIVE BLADDER TREATED WITH
ANTICHOLINERGICS

(project proposal, data analysis)

International Funding

2017- Brigham and Women's Hospital, Boston US

Expanding the Boundaries grant

USE OF OXYDONE DURING THE POSTOPERATIVE PERIOD AFTER HYSTERECTOMY FOR BENIGN INDICATIONS

(research concept, grant application writing, IRB submission)

2017- Brigham and Women's Hospital, Boston US

Expanding the Boundaries grant

PREVALENCE OF URINARY INCONTINENCE AND PROLAPSE SYMPTOMS AFTER HYSTERECTOMY FOR BENIGN DISEASE VERSUS GYNECOLOGIC MALIGNANCY

(research concept, grant application writing, IRB submission, data collection)

2018- International Urogynecological Association Research Award

URINARY MICROBIOME AND INFLAMMATORY RESPONSE IN POSTMENOPAUSAL WOMEN WITH URGENCY URINARY INCONTINENCE BEFORE AND AFTER ANTICHOLINERGIC TREATMENT

(research concept, grant application writing, IRB submission)

Volunteer work:

- 1) Brigham and Women's Hospital team- Boston Stepping Strong Foundation- Boston Celtics game – March 2016
- 2) Brigham and Women's Hospital- Discover Brigham- November 2017

REPORT OF LOCAL TEACHING AND TRAINING

Currently hold teaching position in the rank of Assistant Professor at the Department of Gynecology, Obstetrics and Oncological Gynecology, Medical University of Silesia

Medical Students- clinical courses in OB&GYN (2012- till now) [200 hours contact time/semester - tutorials & clinics]

Allied Health Professionals – university clinical teaching (2012- till now) - obstetrics and gynecology emergencies [40 hours contact time/semester]

English-language dentistry program – university clinical teaching (2014- till now)- basic of obstetrics [10h contact time/semester]

One-to-one Erasmus (International) student clinical teaching (2008- till now) - obstetrics & gynecology clerkship [20 hours contact time/ semester]

Resident's National Course in Endoscopy- 2013-2017- basic and advanced skills in laparoscopy and hysteroscopy for resident's

POST-GRADUATE ADDITIONAL TRAININGS

General Obstetrics and Gynecology Training:

Oct 2015 FIGO Congress, Vancouver, Canada

Mininvasive Gynecology Training:

2008 AAGL Annual Meeting Suturing course (C. Koh, MD)

Sept 2009- Oct 2009 Advanced Hysteroscopy training (R. Campo, MD) LIFE Institute, Leuven, Belgium (8 weeks)

2011 AAGL Annual Meeting Laparoscopic Suturing (J. Einarsson, MD)
Advanced Hysteroscopy course (A. Garcia, MD)

World Robotic Gynecologic Congress/ ISGE 2012
Taking Minimally Invasive Gynecologic Surgery to the Extreme (J. Einarsson, MD)

AAGL Annual Meeting 2012 Cystoscopy & Urethral Stents for the Gyn Surgeon (P.Pettit, MD)
Surgical Procedures for Pelvic Pain (M. Hibner, MD)
Vaginal Hysterectomy (R. Kho, MD)

AAGL Annual Meeting 2013 How to manage your minimally invasive complications without conversion (S.Puntambekar, MD; A. Wattiez, MD)

2017 Open Endoscopic Forum Boston MA

Hysteroscopy/Laparoscopy Resident Rotation

LIFE Institute, Leuven, Belgium

(6 weeks; September 2009)

AAGL Observership

Ted Lee, MD Magee- Pittsburgh, PA

(4 weeks; June 2012)

Visiting Resident Rotation

Rosanne Kho, MD Mayo Clinic Arizona, AZ

(6 weeks; Aug- Sept 2012)

Visiting Urogynecology Rotation

Bogdan Grigorescu, MD Winthrop Hospital, NY

(4 weeks, Feb 2018)

Gynecologic Oncology Training:

Nov 2012

SGO State of the art Conference, Washington DC

AAGL Annual Meeting 2013

Fertility Preserving Surgery in Gynecologic Oncology: a

new standard of care (N. Abu-Rustum, MD)

Gynecologic Oncology Training:

Nov 2012 SGO State of the art Conference, Washington DC

AAGL Annual Meeting 2013 Fertility Preserving Surgery in Gynecologic Oncology: a new
standard of care (N. Abu-Rustum, MD)