



IOANA GABRIELA CARABIN, M.D.

CURRICULUM VITAE

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PROFESSIONAL EXPERIENCE

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| Women's Health Sciences Institute
(501(c)(3) organization)
Vero Beach, Florida <ul style="list-style-type: none">■ President and Medical Director | 2002 – present |
| Burdock Group
Vero Beach, Florida <ul style="list-style-type: none">■ Medical Consultant
Consulting in Health Sciences and Toxicology | 1998 - 2002 |
| Clinical practice
Vero Beach, Florida <ul style="list-style-type: none">■ Clinical Practice
Ear, Nose & Throat, Head and Neck Surgery,
Facial Plastic & Cosmetic Surgery | 1996 - 1998 |
| Clinical practice
Gainesville, Florida <ul style="list-style-type: none">■ Clinical Practice
Ear, Nose & Throat, Head and Neck Surgery,
Facial Plastic & Cosmetic Surgery | 1993 - 1996 |
| Clinical practice
Waycross, Georgia <ul style="list-style-type: none">■ Clinical Practice
Ear, Nose & Throat, Head and Neck Surgery,
Facial Plastic & Cosmetic Surgery | 1991 - 1993 |

POSTGRADUATE TRAINING

- 1988 - 1991 Residency / Chief Resident, Otolaryngology, The Mount Sinai Medical Center, New York, NY.
- 1986 - 1988 Residency, General Surgery, Northshore University Hospital (affiliate of Cornell University) Manhasset, NY.

EDUCATION

- 1982 – 1986 M.D., Mount Sinai School of Medicine, New York, NY.
- 1980 - 1982 B.A., Double major in Natural Sciences and Humanities, Adelphi University, Garden City, NY.
- 1978 - 1980 A.A., Suffolk County Community College, Brentwood, NY.

HONORS & AWARDS

- 1980 – 1981 Adelphi Trustees Scholarship
- 1979 Phi Theta Kappa Honor Society
- 1978 – 1982 Deans List

LANGUAGES

- English
- Romanian
- French

LICENSURE & CERTIFICATIONS

- Florida State: ME0063545 (since 1993)
- Georgia State: 033807 (since 1991)
- New York State: 1797761 (since 1989)
- DEA number: Active
- NIH Certification: Human Participants Protection Education for Research Teams

MEDICAL SOCIETIES / ASSOCIATION MEMBERSHIPS

- 2008 – present Orange County Medical Society
- 2006 – present Society of Toxicology (SOT)
- 2006 – present Organization for the Study of Sex Differences (OSSD)
- 2005 – present Institute of Food Technologists
- 1997 – present American Medical Women's Association (AMWA)
- 1990 – present The American Academy of Otolaryngology, Head and Neck Surgery (AAO-HNS)
- 1989 – present The American Academy of Facial Plastic and Reconstructive Surgery (AAFPRS)
- 1984 – present The American Medical Association (AMA)

INVITED LECTURES & PRESENTATIONS

- 2007 *Structuring clinical development to support claims in the United States*. 4th Inventages Summit. Great Exuma, Bahamas.
- 2006 *Overview of gender-related health issues as functional foods targets*. Part of the symposium entitled: *Functional Foods for Women's Health*. 2006 IFT Annual Meeting + Food Expo, Orlando, FL.

- 2006 ***Biomarkers and clinical trials for claim substantiation.*** Part of the symposium entitled: *Nutrigenomics and Metabolomics: Application to Qualified Health Claims/Structure-Function Claims.* Food Drug Law Institute (FDLI), co-sponsored by FDA, 49th Annual Conference, Celebrating the Centennial of 1906 Pure Food & Drugs Act, Washington, DC.
- 2006 ***Clinical trial data as a new requirement for food ingredient safety.*** Part of the symposium entitled: *New Food Ingredients Do Not Need New Food Regulations.* Society of Toxicology (SOT), 45th Annual Meeting & ToxExpo, San Diego, CA.
- 2005 ***Why use clinical trials for dietary supplements?*** Associates of Clinical Research Professionals, ACRP 2005 Conference & Exhibition North America, Orlando, FL.
- 2005 ***Clinical study design for health claim substantiation.*** Institute of Food Technologists; 2005 IFT Annual Meeting + Food Expo. New Orleans, LA.
- 2003 ***The growing need for clinical evaluation of food ingredients.*** The Society of Food Science and Technology, Institute of Food Technologists, National Meeting, Chicago, IL.
- 2002 ***Functional foods and the growing need for clinical evaluation of food ingredients.*** American Chemical Society, National Meeting, Boston, MA.
- 1988 ***Partial turbinectomy for nasal airway obstruction.*** Presented at the Spring Meeting of the American Academy of Facial Plastic and Reconstructive Surgery, FL.
- 1986 ***Vestibular efferent neuron collaterals in the rabbit.*** Presented at the Association for Research in Otolaryngology, FL.
- 1985 ***Endometrial Carcinoma Research Project,*** Department of Pathology, Mount Sinai Medical Center, New York, NY.

SELECTED MEETINGS, WORKSHOPS & BRIEFINGS

- 2008 *Institute of Food Technologists (IFT), Annual Meeting & Food Expo, New Orleans, LA.*
- 2008 *American Chemical Society Spring National Meeting & Exposition, New Orleans, LA.*
- 2008 *SOT Annual Meeting & ToxExpo, Seattle, WA.*
- 2008 *The Orlando Dermatology & Aesthetic Conference, Orlando, FL.*
- 2007 *Dietary Reference Intakes Workshop, Institute of Medicine, Food and Nutrition Board Workshop, Washington DC.*
- 2007 *Institute of Food Technologists (IFT), Annual Meeting & Food Expo, Chicago, IL*
- 2007 *4th Inventages Summit. Great Exuma, Bahamas.*
- 2007 *SOT Annual Meeting & ToxExpo, Charlotte, NC.*
- 2007 *International Life Sciences Institute (ILSI) Annual Meeting, Cancun, Mexico.*
- 2006 *Sex Differences and the FDA Critical Path Initiative. FDA, Office of Women's Health & Society for Women's Health Research, Washington, DC.*
- 2006 *Off Label Use of Medications and Devices. Society of Women's Health Research. Washington, DC.*
- 2006 *Institute of Food Technologists (IFT), Annual Meeting & Food Expo, Orlando, FL.*
- 2006 *49th Annual Conference. Celebrating the Centennial of the 1906 Pure Food & Drugs Act. Sponsored by The Food and Drug Law Institute (FDLI) and co-sponsored by FDA. Washington, DC.*

- 2006 *The WHI Legacy to Future Generations of Women / Women's Health Initiative*, Sponsored by the National Institutes of Health (NIH) and U.S. DH&HS, Bethesda, MD.
- 2006 *Society of Toxicology 45th Annual Meeting & ToxExpo*, San Diego, CA.
- 2005 Congressional Briefings:
Botanical Dietary Supplements: Scientific Perspectives and Public Health Pitfalls. Sponsored by Sen. Richard J. Durbin (D-IL) (January 31, 2005); and Rep. Henry Waxman (D-CA) and Rep. Susan David (D-CA) (February 1, 2005). Washington, DC.
- 2005 *FDA Clinical Trial Requirements Regulations, Compliance, and GCP Conference*. Sponsored by the Society of Clinical Research Associates (SoCRA), Philadelphia, PA.
- 2005 *ACRP 2005 Conference & Exhibition North America*. Sponsored by Associates of Clinical Research Professionals (ACRP), Orlando, FL.
- 2004 *Toxicology of Dietary Supplements*. Sponsored by the Society of Toxicology (SOT), Fall Symposium, National Library of Medicine, Bethesda, MD.
- 2004 *Qualified Health Claims*, Sponsored by the Food and Drug Law Institute (FDLI), Washington, DC.
- 2004 *Legal Issues in Clinical Research*, Sponsored by the Food and Drug Law Institute (FDLI), Washington, DC.
- 2003 *Dietary Supplement Use in the Elderly*, Sponsored by the National Institute of Health (NIH), Bethesda, MD.
- 2003 *Project Management: Tools and Techniques*, University of Florida, Orlando, FL.
- 2003 *The art of project management*, University of Florida, Vero Beach, FL
- 2003 AAO-HNS Annual Meeting, Orlando, FL.
- 2002 *Therapies for Rare Disease: From Bench to Marketplace*, Sponsored by the Dept. of Health & Human Services, Washington, DC.
- 2001 AAO-HNS Annual Meeting, Denver, CO.
- 2001 Gastroenterology Annual Meeting, Atlanta, GA.
- 2001 *Introduction to Medical Device Law and Regulation*. Sponsored by Food and Drug Law Institute. Washington, DC.
- 2000 *International ISO/IEC Joint Meeting on Cardiac Pacemakers*, New York, NY.
- 2000 Society of Toxicology Annual Meeting, Philadelphia, PA.
- 2000 National Institute of Health - *Technology Assessment Conference on Improving Medical Implant Performance Through Retrieval Information: Challenges and Opportunities*, Bethesda, MD.
- 2000 *10th Annual AAMI/FDA International Conference on Medical Device Standards and Regulation*, McLean, VA.
- 1999 Association for the Advancement of Medical Instrumentation Annual Meeting, Boston, MA.
- 1999 Society of Toxicology Annual Meeting, New Orleans, LA.
- 1999 Second Annual Controversies in Facial Plastic Surgery Meeting, Key Largo, FL.
- 1999 Twentieth Annual Meeting of the American College of Toxicology, McLean, VA.

- 1998 American College of Toxicology Annual Meeting, Orlando, FL.
- 1998 International Workshop to Evaluate Research Needs on the Use and Safety of Medicinal Herbs, National Institutes of Health/National Institute of Environmental Health Science, Raleigh, NC.
- 1998 Science, Information and the Media: Communicating the Promise and the Reality of New Medical Technology, Medical Technology Leadership Forum, Minneapolis, MN.
- 1997 Certification in Health Care Management, University of Miami, Miami, FL.
- 1997 Softlight™ Hair Removal Workshop, Miami, FL.
- 1996 Laser Surgery Workshop, Orlando, FL.
- 1994 Clinical Plastic Surgery Symposium, Orlando, FL.
- 1994 Live Cutaneous Laser Surgery Workshop, Madison, WI.
- 1993 Glycolic Peel, Minneapolis, MN.
- 1992 Facial Skin Malignancies Symposium, Orlando, FL.
- 1992 Rejuvenation - Aging Forehead, Facial Flaps, Dermabrasion, Orlando, FL.
- 1992 Modern Approaches to Chemical Peel, Innovations and Controversies in Blepharoplasty, Palm Desert, CA.
- 1992 Rejuvenation of the Face, Indianapolis, IN.
- 1992 The Law and the Physician, GA.
- 1991 Facial Plastic Surgery Preceptorship with Dr. Frank Kammer, Beverly Hills, CA.

PUBLICATIONS

Burdock GA and **Carabin, IG** (2008) *Safety assessment of 2-ethyl-3,(5 or 6) dimethylpyrazine as a food ingredient*. Regulatory Toxicology and Pharmacology, 50:303–312.

Dyer AR, Burdock GA, **Carabin IG**, Haas MC, Boyce J, Alsaker R, and Read LC. (2008) *In vitro and in vivo safety studies on a proprietary whey extract*. Food and Chemical Toxicology, 46: 1659–1665.

Burdock, GA and **Carabin, IG** (2008) *Safety assessment of sandalwood oil (Santalum album L.)*. Food and Chemical Toxicology, Feb 46(2):421-32.

Burdock, GA and **Carabin, IG** (2008) *Safety assessment of ylang-ylang oil as a food ingredient*. Food and Chemical Toxicology, Feb 46(2):433-45.

Burdock, GA and **Carabin, IG** (2008) *Breaking Down the Barriers to Functional Foods, Nutraceuticals and Claims*. Book Chapter In: *Nutraceutical and Functional Food Regulation in the United States and Around the World*, a volume of the Food Science and Technology, International Series. Elsevier, Inc., NY, p. 83-108.

Burdock, GA and **Carabin, IG** (2007) *Safety assessment of hydroxypropyl methylcellulose as a food ingredient*. Food and Chemical Toxicology 45:2341-2351.

Carabin, IG and Griffiths, JC (2007). *Functional Foods & Structure/Function Claims. Is There a Difference Between Sexes?* Nutritional Outlook, June issue.

Burdock, GA and **Carabin, IG** (2007). *Safety assessment of myristic acid as a food ingredient*. Food and Chemical Toxicology 45: 517-529.

Carabin, IG (2006). *Functional foods for women's health*. Natural Products Industry Insider, August.

Burdock, GA, **Carabin, IG** and Griffiths, JC (2006). *Toxicology and pharmacology of sodium ricinoleate*. *Food and Chemical Toxicology* 44:1689-1698.

Carabin, IG and Casterton, P. (2006). *Allergen labeling. Protecting the public*. *Asia Food Journal*. May 2006.

Carabin, IG and Matulka, R. (2006). *Proving efficacy*. *The World of Food Ingredients*. April/May.

Carabin, IG and Magnuson, BA (2006). *New Labeling Requirements for Food Allergens*. *Nutritional Outlook*, April. <http://www.nutritionaloutlook.com/article.php?ArticleID=2096>

Burdock, GA, **Carabin, IC** and Griffiths, JC (2006). *The Importance of GRAS to the Functional Foods and Nutraceutical Industries*. *Toxicology* 221, p. 17-27.

Soni, MG, **Carabin, IG** and Burdock, GA (2005). *Safety Assessment of Esters of p-Hydroxybenzoic Acid (Parabens)*. *Food and Chemical Toxicology* 43:985-1015.

Carabin, IG (2005). *The Clinical Aspects of Claim Substantiation: The Concept of Cause and Effect*. *FDLI Update*, Issue 2, p. 36-39.

Carabin, IG and Burdock, GA (2005). *Obesity in the United States: An overview*. *FDLI Update*, Issue 1, p. 9-14.

Carabin, IG (2004). *The Role of Clinical Trials in Dietary Supplement Claim Substantiation. A Regulatory and Historical Perspective*. *ACRP Monitor*, Vol. 18, Issue 4, p. 25-29.

Carabin, IG (2004). *The Clinical Aspects of Claim Substantiation: Inclusion/Exclusion Criteria, Screening and Baseline Evaluations in Clinical Trials*. *FDLI Update*, Issue 5, p. 41-45.

Carabin, IG (2004). *The Clinical Aspects of Claim Substantiation: Clinical Trial Costs*. *FDLI Update*, Issue 4, p. 39-43.

Carabin, IG (2004). *The Clinical Aspects of Claim Substantiation*. *FDLI Update*, Issue 3, p. 25-29.

Burdock, GA and **Carabin, IG** (2004). *Warning Letters, Recalls and the "Elixir of Death."* FDA Regulation in *Nutritional Outlook*, March.

Soni, MG; **Carabin, IG**; Griffiths JC and Burdock GA (2004). *Safety of Ephedra: Lessons Learned*. *Toxicol Lett*. Apr 15; 150(1): 97-110.

Burdock, GA and **Carabin, IG** (2004). *Generally Recognized As Safe (GRAS): History and Description*. *Toxicol Lett*. Apr15; 150(1): 3-18.

Burdock, GA; **Carabin, IG** and Soni, MG (2001). *Safety assessment of Beta-nitropropionic acid: A monograph in support of an acceptable daily intake in humans*. *Food Chemistry* 75/1:1-27.

Burdock, GA; Soni, MG and **Carabin, IG** (2001). *Evaluation of the Health Aspects of Kojic Acid in Food*. *Food and Chemical Toxicology* 33:80-101.

Carabin, IG; Burdock, GA and Chatzidakis C (2000). *Safety Assessment of Panax Ginseng*. *International Journal of Toxicology* 19:293-301.

Burdock, GA; Flamm, WG and **Carabin, IG** (2000). *Toxicity and Mutagenicity Studies of DN-50000® and RP-1® Enzymes*. *Food and Chemical Toxicology* 38:429-442.

Carabin, IG and Flamm, WG (1999). *Evaluation of the Safety of Inulin and Oligofructose as Dietary Fiber*. *Regulatory Toxicology and Pharmacology* 30:268-282.

Lawson W, **Carabin IG**: *Paranasal Sinus Surgery* (1993) In Krespi YP, *et al*: *Complications in Head and Neck Surgery*, WB Saunders Co., p. 115-129.