

Curriculum Vitae

Emil K. Schandl, Ph.D., FACB

Personal Information:

Address:

American Metabolic Laboratories
1818 Sheridan Street
Hollywood, FL 33020

Telephone:

(954) 929-4814

Citizenship:

USA

Birthplace:

Budapest, Hungary

Education:

Allan Hancock College, Santa Maria, CA
A.A., Aeronautical Engineering

University of California, Santa Barbara, CA
B.A., Analytical Biology

California State University, San Diego, CA
M.S., Biochemistry/Enzymology

Florida State University, Tallahassee, FL
Ph.D., Biology/Molecular Genetics

Univerite Laval, Quebec, P.Q.
Postdoctoral Fellowship

Open International University in Complementary Medicine,
Colombo, SL
M.D.(Honorary, Medicina Alternativa)

Current Positions:

President

International Health Consultants, Inc. Dania Beach, FL (2010-present)

Director

American Metabolic Laboratories. Hollywood, FL (1996 – present)

Director

Metabolic Research, Inc. Hollywood, FL (2002 – present), non-for-profit corp.

Director

Physicians Medical Associates, LLC, Lake Worth, FL (2013 – present)

Director

Wellington Retreat, Inc. West Palm Beach, FL (2014 to present)

Director

Seastone of Delray. Delray Beach, FL 33483 (Feb 2015 to present)

Clinical Laboratory Director in the states of FL, NY, etc.

Board Member of Directors, American Association for Clinical Chemistry (FL) (AACC is an international society comprised of medical professionals with an interest in clinical chemistry, clinical laboratory science, and laboratory medicine) (2012 – present, member since approx. 1982)

Past Positions:

Postdoctoral Fellow, Universite Laval, Quebec City, P.Q., Canada (1 yr)

Assistant Professor of Biochemistry, Nova University, Fort Lauderdale, FL (5yrs)

Nuclear Medicine Technology, Community Hospital of South Broward, Hallandale, FL (2.5 yrs)

Chief of Clinical Chemistry and Assistant Laboratory Supervisor, Community Hospital of South Broward (3 yrs)

Adjunct Professional Staff Member with privileges in Clinical Biochemistry and Supportive and Therapeutic Nutrition:

1. Community Hospital of South Broward, Hallandale, FL (15 years)
2. Doctors Hospital, Hollywood, FL (15 years)

Head, Radioimmunoassay and Nutritional Biochemistry, American Biomedical Corporation, Miami, FL (2 yrs)

Head, Clinical and Special Chemistry and Radioimmunoassay, National Health Laboratories, Miami, FL (1 yr)

Instructor, Biscayne Paramedical College, Miami, FL (2 yrs)

Director, Center for Metabolic Disorders, Hollywood, FL (16 yrs)

Director, CA Laboratories, Dania Beach and Hollywood, FL (14 yrs)

Scientific Director, Life Extension Foundation, Fort Lauderdale, FL (4.5 yrs)

Clinical Laboratory Director, Immuno Laboratories, Inc., Fort Lauderdale, FL (5yrs)

Director, AML Diagnostics, Inc. Boca Raton, FL (2 yrs)

Licensures and Certifications:

SC (ASCP): Specialist in Clinical Chemistry, American Society of Clinical Pathology

[CC (NRCC): Clinical Chemist, National Registry in Clinical Chemistry, No. 1652, Exp.]

FACB: Fellow, National Registry in Clinical Bio-Chemistry

LNC: Licensed Nutritional Consultant, State of Florida

CLD: Clinical Laboratory Director State of Florida, Clinical Chemistry, Hematology, Serology/Immunology and Immunohematology

Clinical Laboratory Director, FL, NY, CA, PA, MD (all 50 states)

Clinical Laboratory Director/ Technical Director, Department of Health and Human Services

Professional Societies:

ASCP (American Society of Clinical Pathologists), Member

American Association of Clinical Chemistry, Board Member South Florida

American College for the Advancement of Medicine, Member

American Chemical Society (Nominated Member since 2014)

Hobbies:

Karate: USA GoJu Style, 5^o Black Belt, teaching, practicing; competing.

Swimming: 2003 State record holder in 200 yd breaststroke. Currently and sustaining senior state of Florida gold medalist in breast stroke, butterfly, and individual medley.

SCUBA PADI deep-water certified and licensed private pilot.
Civil Air Patrol Member for several years.

Selected peer-reviewed publications (chronological):

- 1) Schandl, E.K., M.S. Thesis: CHARACTERIZATION AND PURIFICATION OF THYMINE 7-HYDROXYLASE, 1967.
- 2) Abbott, M.T., Lin, S., Schandl, E.K., Lee, R.P., T.S. and Midgett, R.J., THE REQUIREMENTS FOR ASCORBATE, Fe and Alpha – KETOGLUTARATE BY THYMINE 7-HYDROXYLASE, 1967. Federation Proc., 26 451.
- 3) Abbott, M.T., Schandl, E.K., Lee, R.P., Parker, T.S. and Midgett, R.J., COFACTOR REQUIREMENTS OF THYMINE 7-HYDROXYLASE, 1967. Biochem. Biophys. Acta, 132-525.
- 4) Taylor J. Herbert, Straubing, Nancy, and Schandl, E.K., UNITS AND PATTERNS OF REPLICATION IN MAMMALIAN CHROMOSOMES, 1968. J. Cell Biol., 39, 1349.
- 5) Schandl, E.K. and Taylor, J. Herbert, AN OLIGOMER INTERMEDIATE (PRIMER) IN DNA REPLICATION, 1969. Biophys. J. 10. 22 (1).
- 6) Schandl, E.K. and Taylor, J. Herbert, EARLY EVENTS IN REPLICATION AND INTEGRATION OF DNA INTO MAMMALIAN CHROMOSOMES, 1969. Biochem. Biophys. Res. Commun., 34 291.
- 7) Schandl, E.K., Ph.D. Dissertation: EARLY EVENTS IN DNA REPLICATION, 1970.
- 8) Schandl, E.K. and Taylor, J. Herbert, OLIGODEOXYRIBONUCLEOTIDES FROM PULSE-LABELED MAMMALIAN CELLS, 1971. Biochim. Biophys. Acta, 228- 595.
- 9) Schandl, E.K., OLIGODEOXYRIBONUCLEOTIDES FROM PULSE LABELED BACTERIAL CELLS, 1972. Biochem. Biophys. Acta, 420 - 430.
- 10) Schandl, E.K., THE USE OF OLIGODEOXYRIBONUCLEOTIDES ISOLATED FROM PULSE-LABELED HeLa IN DNA. SYNTHESIS in vitro, 1972. Cancer Res., 726 - 730.
- 11) Schandl, E.K., THYMINE 7-HYDROXYLASE ACTIVITY IN NORMAL AND LEUKEMIC LEUKOCYTES, 1973. Biochem. Biophys. Res. Commun., 524 - 529.
- 12) Schandl, E.K., STIMULATION OF OLIGODEOXYRIBONUCLEOTIDE SYNTHESIS BY CYTOPLASMIC FACTORS IN THE ISOLATED NUCLEI OF LEUKEMIC CELLS, 1973. Cancer Res. 33 2398 – 2401.
- 13) Mitchell, D.A. and Schandl, E.K., CARBON MONOXIDE, VITAMIN B6 & MULTIPLE SCLEROSIS; A THEORY OF INTERRELATIONSHIP. 1973. Am. J. Clin. Nutr., 26 890.
- 14) Schandl, E.K., HYPERACTIVE CHILDREN, 1973. British Med. J., May 12.

- 15) Schandl, E.K., CLINICAL BIOCHEMICAL PARAMETERS IN CANCER DIAGNOSIS AND THERAPY, 1980. Clinical Chemistry, 26 1040.
- 16) von E.K. Schandl, KLINISH BIOCHEMISCHE PARAMETER BEI KREBS, 1981. In Die Praxis der Zelltherapie, p.98, Medizinisch Literarische Verlagsgesellschaft mbh – Uelzen.
- 17) Schandl, M.M., and Schandl, E.K., CEA Testing Abbott or Roche, 1982. Clinical Chemistry, 28 1584.
- 18) von Schandl, in Onkologischer Dialog, Sonntag, 16 Juni 1991. Ed. Dr. Hasso H. Thalmann, Angelos N. Sagredos, Bei Onkologischen Erkrankungen.
- 19) Schandl, Emil K., THE CANCER PROFILE AND ITS CLINICAL APPLICATIONS, Townsend Letter, August/September 2010.
- 20) Schandl, E. K. IGG FOOD ALLERGY TESTING, New England Journal of Medicine, submitted for publication September, 2010.
- 21) Schandl, Emil K., THE CANCER PROFILE AND ITS CLINICAL APPLICATIONS, Anti-Aging Medical News, A4M, Spring 2011.
- 22) Schandl, Emil K., CLINICAL UTILIZATION OF THE CANCER PROFILE AND LONGEVITY PROFILE AND THE ROLE OF TELOMERASE IN CARCINOGENESIS. Am J Clin Pathol 2012; 138:A369. American Society for Clinical Pathology.
- 23) Schandl, E.K., CLINICAL UTILIZATION OF THE CANCER PROFILE AND LONGEVITY PROFILE AND THE ROLE OF THYMIDINE KINASE (TK1) IN CARCINOGENESIS. July 29, 2014, J. AACC, Cancer/Tumor Markers, p. S6.
- 24) Schandl, E.K., HORMONE REPLACEMENT THERAPY IN LIGHT OF THE CANCER PROFILE, Am J Clin Pathol 2014; 142:A043. American Society for Clinical Pathology.
- 25) Schandl, E.K., CLINICAL LABORATORY UTILIZATION OF GLUCOSE PHOSPHATE ISOMERASE (AMF) IN PREVISUAL CANCER DIAGNOSIS AND FOLLOW-UP. Am J Clin Pathol 2018; 149:S7-S12. American Society for Clinical Pathology.

Selected presentations:

Schandl, E.K. and Schandl, C.A., DHEA-S SERUM LEVEL: CORRELATION TO MALIGNANCIES IN TISUUES OF ECTODERMAL, ENDODERMAL AND MEZODERMAL ORIGIN, 1995. American Association of Anti Aging Medicine Conference, Las Vegas, NV – Poster Presentation

Schandl, E.K., THE CANCER PROFILE, 2004.American Association of Bioanalysts Educational Conference, Las Vegas, NV - Poster Presentation

Schandl, E.K., Carlo, Allison, Schandl, C.A., CANCER PROFILE v. CA 15.3, 2006. American Association of Bioanalysts 50th Anniversary Conference, Las Vegas, NV. *Award Winning* Poster Presentation.

Schandl, E.K., Carlo, Allison, Schandl, C.A., THE CANCER PROFILE V. CEA TUMOR MARKER IN BREAST CANCER PATIENTS, 2007. American Association of Bioanalysts 51ST Annual meeting and Educational Conference, Orlando, FL.

Schandl, E.K., Schandl, C.A., CLINICAL BIOCHEMICAL PARAMETERS FOR THE PRACTICE OF PREVENTIVE MEDICINE, 2009. American Society of Clinical Pathologists, Chicago, IL.

Schandl, E.K., CLINICAL BIOCHEMICAL PARAMETERS FOR THE PRACTICE OF PREVENTIVE MEDICINE, 2010. 18th Annual World Congress on Anti-Aging Medicine and Biomedical Technologies. Las Vegas, NV.

Schandl, E.K., THE CANCER PROFILE AND LONGEVITY PROFILE, 2011. 19th Annual World Congress on Anti-Aging and Aesthetic Medicine, Orlando, Florida.

Schandl, E.K., THE ROLE OF PHI ENZYME WITHIN THE CANCER PROFILE IN CARCINOGENESIS, Sep. 16th – 18th 2011. Cancer Module III and IV, American Academy of Anti-Aging Medicine, Dallas, TX.

Schandl, E.K., THE NOVEL ROLE OF PHI ENZYME IN THE CANCER PROFILE AND CARCINOGENESIS, Dec 2011. 19th Annual World Congress on Anti-Aging Medicine and Biomedical Technologies, Las Vegas, NV.

Schandl, E.K., CLINICAL UTILIZATION OF THE CANCER PROFILE AND LONGEVITY PROFILE AND THE ROLE OF TELOMERASE IN CARCINOGENESIS, Oct 31st Nov 3rd, 2012. American Society for Clinical Pathology Annual Meeting, Boston, MA Poster Presentation.

Schandl, E.K., THE ROLE OF TELOMERASE IN THE CANCER PROFILE AND LONGEVITY PROFILE, Dec 6th, 2012. American Association for Clinical Chemistry, Hollywood, FL.

Schandl, E.K., CLINICAL UTILIZATION OF THE CANCER PROFILE AND LONGEVITY PROFILE, Dec 2012. 20th Annual World Congress on Anti-Aging and Regenerative Medicine, Las Vegas, NV.

Schandl, E.K., CANCER PROFILE AND LONGEVITY PROFILE IN CARCINOGENESIS, April 2013. 21ST Annual World Congress on Anti-Aging and Regenerative Medicine, Orlando, FL

Schandl, E.K., THE CANCER PROFILE AND THE LONGEVITY PROFILE TESTS: FOR EARLY DETECTION AND MONITORING OF CANCER, September 1, 2013. 41st Annual Cancer Convention, Cancer Control Society, Los Angeles, CA.

Schandl, E.K., HORMONE REPLACEMENT THERAPY AND THE CANCER PROFILE, December 2013. 21st Annual World Congress on Anti-Aging, Regenerative & Aesthetic Medicine, Las Vegas, NV.

Schandi, E.K., THE INVINCIBLE WARRIOR, February 12, 2014. USA GoJu.

Schandi, E.K., CLINICAL APPLICATION OF THE CANCER PROFILE AND LONGEVITY PROFILE, March 13 -16, 2014. The 2014 Physician's Round Table Conference, Tampa, FL.

Schandi, E.K., THE CANCER PROFILE AND HORMONE REPLACEMENT THERAPY, April 24-26, 2014. 12th Annual International Integrative Oncology Conference, Reno, NV.

Schandi, E.K., HORMONE REPLACEMENT THERAPY AND THE CANCER PROFILE, May 15-17, 2014. 22nd Annual World Congress on Anti-Aging, Regenerative and Functional Medicine, Orlando, FL.

Schandi, E.K., CLINICAL UTILIZATION OF THE CANCER PROFILE AND LONGEVITY PROFILE AND THE ROLE OF THYMIDINE KINASE (TK1) IN CARCINOGENESIS, July 2014. American Society for Clinical Pathology, Chicago, IL.

Schandi, E.K., THE CANCER PROFILE AND THE LONGEVITY PROFILE TESTS: FOR EARLY DETECTION AND MONITORING, Aug 30–Sept 1, 2014. 42nd Annual Cancer Convention, Doctors Symposium. Cancer Control Society, Universal City, CA

Schandi, E.K., HORMONE REPLACEMENT THERAPY IN LIGHT OF THE CANCER PROFILE, October 2014. American Society for Clinical Pathology, Tampa, FL.

Schandi, E.K., THE ROLE OF PHI, THE HUMAN AUTOCRINE MOTILITY FACTOR IN CARCINOGENESIS, October 16, 2014. American Association for Clinical Chemistry, Hollywood, FL.

Schandi, E.K., HORMONE REPLACEMENT THERAPY IN LIGHT OF THE CANCER PROFILE, Nov 12-15, 2014. 49th Midwest Regional Meeting for the American Chemical Society, University of Missouri, Columbia, MO.

Schandi, E.K., HORMONE REPLACEMENT THERAPY AND TESTING FOR CANCER, Dec 10-14, 2014. 22nd Annual World Congress on Anti-Aging Medicine, Las Vegas, NV.

Schandi, E.K., THE ROLE OF HUMAN AUTOCRINE MOTILITY FACTOR (AMF) GLUCOSEPHOSPHATE ISOMERASE (GPI) AKA PHOSPHOHEXOSE ISOMERASE (PHI) IN TUMOR MALIGNANCY IN LIGHT OF A CANCER PROFILE, May 7-9, 2015. 23rd Annual World Congress on Anti-Aging Medicine, Hollywood, FL.

Schandi, E.K., CLINICAL AND BIOCHEMICAL PARAMETERS FOR PREVISUAL CANCER DIAGNOSIS AND FOLLOW-UP, Oct 30 – Nov 1, 2015. Energy and Medicine: Paradox and Controversy, International College of Integrative Medicine, Chicago, IL.

Schandi, E.K., PREVISUAL CANCER TUMOR MARKERS – EARLY DIAGNOSIS OF CANCER, Nov 12-15, 2015. Annual American Functional Medicine Association Conference, Atlanta, GA.

Schandi, E.K., HOW TO DETECT CANCER BEFORE IT IS OBVIOUS, Sep 6, 2016. Doctor's Symposium, Cancer Control Society Convention, Los Angeles, CA.

Schandl, E.K., Introduction to Advanced Integrative Cancer Testing, Sep 22 – 25, 2016. Academy of Comprehensive Integrative Medicine, Conquering Cancer Conference, Orlando, FL.

Schandl, E.K., THE CANCER PROFILE AND ITS CLINICAL APPLICATIONS. May 18, 2017. Academy of Comprehensive Integrative Medicine (ACIM) Conference, Dallas, TX.

Schandl, E.K., CLINICAL LABORATORY UTILIZATION OF GLUCOSEPHOSPHATE ISOMERASE (AMF) IN PREVISUAL CANCER DIAGNOSIS AND FOLLOW-UP. Sep 6-8, 2017. American Society for Clinical Pathology (ASCP) Annual meeting, Chicago, IL.

Schandl, E.K., THE CANCER PROFILE AND LONGEVITY PROFILE TESTS FOR EARLY DETECTION AND MONITORING, Sep 3, 2017. Cancer Control Society 45th Annual Cancer Convention. Glendale, CA.

Schandl, E.K. CANCER PROFILE, KEY TO PREVENT CANCER BEFORE IT ATTAINS VISUALLY DETECTABLE SIZE, Jan 23-26, 2018. Atlantic Basin Conference on Chemistry ABCChem. Cancun, Mexico.

Awards:

Schandl, E.K., Carlo, Allison, Schandl, C.A., CANCER PROFILE v. CA 15.3, AWARD WINNING POSTER PRESENTATION, 2006. American Association of Bioanalysts 50th Anniversary Conference, Las Vegas, NV.

Schandl, E.K., HUMANITARIAN AWARD, 2011. Cancer Control Society 39th Annual Cancer Convention, Universal City, CA.

Schandl, E.K., Induction as an Ambassador to the Martial Arts, "Humanitarian Of The Year", January 23-25, 2015. Action Martial Arts Magazine & Hall of Honor.

Research Support:

National Research Council of Canada: for the investigation of oligodeoxyribonucleotide DNA primer.

American Cancer Society: for the investigation of oligodeoxyribonucleotide DNA primer.

Research Grant from a Private Foundation: for PHI enzyme research.

Committee Membership:

Member of Honorable Connie Mack's (R, FL) U.S. Senatorial Cancer Advisory Committee, 10 years

Consultant, EPA (Environmental Protection Agency, U.S.A), Toxicology Section, 12 years

American College for the Advancement of Medicine (ACAM)

Community Service:

Organizer and Coach, Cooper City/Davie Soccer Club (5 yrs)

Instructor, karate/self defense and gymnastics, Rainbow Montessori School, Hollywood, FL (20 plus yrs)

Newspaper articles on health related subjects (multiple sclerosis, aplastic anemia, drinking water treatment)

Lectures to cancer support groups, *et continuum*

TV and radio show appearances