



Curriculum vitae

- Name:** Keresztes, Margit
- Birth:** 7. October, 1957; Békéscsaba, Hungary
- Marital status:** married (one daughter, 1988)
- Education:** *1975-1981:* Faculty of General Medicine, University of Szeged, Hungary (MD, summa cum laude)
- Award:** Medal for Merits in Higher Education
- Courses:** *1984-1985:* International Training Course, Institute of Genetics, Biological Research Center of Hung. Academy of Sciences, Szeged, Hungary (monoclonal antibody production and immune techniques)
1994: FEBS Advanced Course: Institute of Biomembranes, University of Utrecht, Utrecht, The Netherlands
- Degree:** PhD (*1999*) (summa cum laude) Faculty of General Medicine, University of Szeged, Hungary
(Direct linkage between the plasma membrane and the cytoskeleton: importance of actin-binding proteins)
- Qualifications:** relaxation therapist (*1998*)
life style counsellor and therapist (*2000*)
- Employment:** Department of Biochemistry, Faculty of General Medicine, University of Szeged, Hungary
- Positions:** *1981-1990:* teaching assistant, later on staff scientist
1999-: assistant professor
- Work abroad:** *1987* (6 months): Unit of Neurochemistry and Neurotoxicology, University of Stockholm, Sweden (investigations on myoblast fusion)
- Fellowship:** *1994 and 1996* (3-3 months): European Science Foundation, Developmental Biology Program, Short-Term Fellowship
University of Utrecht, Department of Molecular Cell Biology and Hubrecht Laboratorium, The Netherlands
(Project: intracellular localization of bFGF and its receptors in differentiating embryonic cells)

Teaching experience:

seminars, practices (1981-), then regular lectures (1990-) for medical students (in Hungarian and in English); occasional lectures for pharmacy students, for diploma degree nurses, for students of clinical chemistry and for PhD students

special and alternative college courses on biochemical basics of preventive medicine (especially in relation with ischemic cardiovascular disease) and on natural nutrition

Research fields and methods:

- 1/ Development and differentiation of skeletal muscle
primary cell cultures, enzyme assays, SDS-PAGE, ion exchange chromatography
- 2/ Application of monoclonal techniques
monoclonal antibody production, antibody labelling, immune blotting, immune affinity chromatography, immunocytochemistry, ELISA
- 3/ Characterization of actin-binding membrane proteins:
cytoskeleton extraction, plasma membrane preparation, immune and lectin blotting, actin-binding chromatography, immunocytochemistry, confocal microscopy
- 4/ Psycho-neuroendocrine-immunological studies in stressed humans and in cardiovascular patients: analysis of cell surface granulocyte activation markers and inflammatory-immune markers in blood plasma
immune labelling for flow cytometry, ELISA, antibody labelling

Tutorship for

MSc/MD thesis: 4 students (graduated as clinical chemist, MD, biologist)

Research grants: 2001-2005: project leader in stress studies (supported mostly by the Hungarian Space Office)

Educational grant: 2008-2009 academic year: Psychosomatic Medicine Interest Group /funded by the American Psychosomatic Society/

Languages: English (fluent); German, Russian, Finnish (basic)

Memberships:

American Psychosomatic Society
Hungarian Association of Cardiovascular Rehabilitation
Hungarian Biochemical Society
Hungarian Biological Society
Hungarian Society of Cardiologists
Hungarian Free Radical-Investigating Society

Number of full papers in international journals: 9

Cumulative impact factors of referred papers: 35,95

A chapter in a Hungarian university textbook, an essay in a Hungarian book