

Curriculum Vitae of EMMA JAKAB

Born	Felpéc (Hungary), 1954
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EDUCATION AND EMPLOYMENT HISTORY

1973 – 1978	university studies, Eötvös Loránd University, Budapest, Hungary
1978	MSc in Chemistry
1978 – 1983	junior research fellow, Research Laboratory for Inorganic Chemistry, Hungarian Academy of Sciences
1983	dr. univ. in Chemistry (Eötvös Loránd University, Budapest, Hungary)
1983 – 1996	research fellow, Research Laboratory for Inorganic Chemistry, Hungarian Academy of Sciences
1996	CSc in Chemistry
1996 – 1997	senior research fellow, Research Laboratory for Inorganic Chemistry, Hungarian Academy of Sciences
1998 –	senior research fellow, Institute of Materials and Environmental Chemistry, Research Centre for Natural Sciences (previously Chemical Research Center), Hungarian Academy of Sciences

FIELDS OF INTEREST

- Study of the thermal decomposition of biomass materials, cellulose and lignin, and analysis of the decomposition products
- The effect of various pretreatments as well as inorganic and organic additives on the thermal behaviour and composition of biomass materials
- The impact of additives on the thermal behaviour of synthetic polymers

GRANTS, FELLOWSHIPS

1984 – 1985	Postdoctoral fellow at the Biomaterials Profiling Center, University of Utah, Salt Lake City, USA
1993 – 1994	Visiting scientist at the Center for Microanalysis and Reaction Chemistry, University of Utah, Salt Lake City, USA
2001	Visiting scientist for 2 months at the Department of Applied Chemistry, Okayama University, Japan
1998 – 2001	Hungarian Research Grant OTKA T 025341
2002 – 2006	Hungarian Research Grant OTKA T 037704
2006 – 2010	Hungarian Research Grant OTKA K 061504
2010 – 2014	Hungarian Research Grant OTKA K 081959
2013 – 2014	Hungarian – Romanian Joint Research Project TÉT_12_RO-1-2013-0021

MEMBERSHIPS, PROFESSIONAL SERVICES

1996 –	member of the Thermoanalytical Working Group, Hungarian Academy of Sciences
1998 –	member of the Working Group on Natural Polymers, Hungarian Academy of Sciences
1996	secretary of the Organizing Committee of 17th International Symposium on Analytical and Applied Pyrolysis, Budapest
2007 –	member of the Scientific Committee of International Symposium on Feedstock Recycling of Polymeric Materials

TEACHING EXPERIENCE

2002 – 2006	PhD supervisor, Erika Mészáros (Eötvös University, Budapest)
2008 – 2014	PhD supervisor, Zoltán Sebestyén (Technical University and Economics, Budapest)