

Curriculum Vitae of MARIANNE BLAZSÓ



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EDUCATION AND EMPLOYMENT HISTORY

1961 – 1966 MSc studies, Eötvös Loránd University, Budapest (ELTE) Faculty of Science
1966 MSc in Chemistry ELTE
1966 – 1969 junior research fellow, Research Laboratory of Chemical Structures, Hungarian Academy of Sciences (HAS)
1969 doctor rerum naturalium in Chemistry, ELTE Faculty Science
1970 – 1975 research fellow, HAS Inorganic Chemistry Departmental Research Group; Research Laboratory for Inorganic Chemistry (RLIC), Research Laboratories of Natural Sciences (RLNS), HAS
1975 candidate of chemical sciences (CSc), HAS
1975 – 1997 senior research fellow, scientific advisor RLIC, RLNS, HAS
1991 DSc of chemical sciences, HAS
1998 – 2010 scientific advisor, Institute of Materials and Environmental Chemistry (IMEC), Chemical Research Center (CRC), HAS; IMEC, Research Centre for Natural Sciences (RCNS) HAS
2010 – contracted scientific advisor, IMEC RCNS HAS

FIELDS OF INTEREST

- Thermal decomposition reactions of synthetic and natural polymers, product analysis by pyrolysis-gas chromatography-mass spectrometry (Py-GC/MS)
- Recycling of waste plastics by thermal and catalytic decomposition
- Catalytic conversion of polluting, harmful, reactive or unstable pyrolysis products of biomass and plastics wastes

GRANTS, FELLOWSHIPS

1970 fellowship, Center of Macromolecular Researches, CNRS, Strasbourg, France
1991 – 1994 Hungarian Research Grant OTKA T03078
1992 – 1995 Hungarian Research Grant OTKA T04456
1995 – 1998 Hungarian Research Grant OTKA T016179
1996 – 1998 INCO-Copernicus 15-CY96-0717
1997 – 2000 Hungarian Research Grant OTKA T022091
2000 – 2001 GROWTH F5 GRD-CT-1999-00082
2000 – 2003 Hungarian Research Grant OTKA T033111
2001 – 2004 Hungarian Research Grant OTKA T037704
2002 – 2005 GROWTH F5 G1RD-CT-2002-03014
2004 – 2007 Hungarian Research Grant OTKA K47377
2007 – 2011 Hungarian Research Grant OTKA K68752

MEMBERSHIPS, PROFESSIONAL SERVICES

1991 – 1996 member of the Committee on Macromolecular Chemistry of HAS
1993 – 1996 member of the Chemistry and Chemical Engineering panel of the National Accreditation Committee
1997 – 2000 secretary of the Plastic Materials Discussion Committee of HAS
1997 – 2002 member of the Committee on Material Science and Technology of HAS
1997 – 2006 member of the Chemistry panel of the Hungarian Accreditation Committee
1997 – 2011 member of the Committee on Environmental Chemistry of HAS

1998 – 2011 editor of the Journal of Analytical and Applied Pyrolysis
2001 – member of the Chemistry Doctoral School, ELTE
2006 chair of the 17th International Symposium of Analytical and Applied Pyrolysis
2012 – member of the Committee on Inorganic Chemistry and Material Science of HAS
2012 – reviews editor of the Journal of Analytical and Applied Pyrolysis
2013 – member of the Hungarian Section of the Combustion Institute

TEACHING EXPERIENCE

1998 – 2012 specialization lecture course, supervision of final diploma work for chemist MSc and chemistry teacher MSc (ELTE, Faculty of Science)
2001 – PhD course, supervision of PhD work (Chemistry Doctoral School, ELTE)
2010 – Instrumental Analytical Chemistry practical course (ELTE, Faculty of Science)