

Institute of Plant Molecular Biology (IPMB) - List of projects and contracts

Provider	Registr. No.	Name of the project (contract)	Duration	Recipient	Partner	Investigator
EU - CEC	006961 (FOOD)	Co-ordination of research on genetic resistance to plant pathogenic viruses, and their vectors in European crops	2005 - 2009	IPMB		Špak J.
COST	220/0002	Agricultural biomarkers for array technology	2002 - 2009	IPMB		Špak J.
BIOREBA AG	220/0003	Development of ELISA reagents	2005 - 2009	IPMB		Špak J.
GA AV	IAA608170603	Energy transfer in chlorophyll containing antenna complexes of planctic photosynthetic microorganisms: mechanisms of regulation	2006 - 2010	ÚFB JU	IPMB	Vácha F.
GA AV	IAA608170604	Functions of carotenoids in photosynthetic antennae: light harvesting and beyond	2006 - 2009	ÚFB JU	IPMB	Vácha F.
GA AV	IAA600960716	Investigation of photosynthesis in vivo using interference of coherent radiation - a new approach	2007 - 2009	IPMB		Roháček K.
GA AV	IAA500960702	Structural and functional analysis of the giant plant Ogre-like retrotransposons	2007 - 2009	IPMB		Macas J.
GA AV	KJB500960802	Origin, structure, and destiny of transcripts derived from repetitive sequences in plants	2008 - 2010	IPMB		Neumann P.
GA AV	IAA500960903	Development of a Novel Recombinogenic Technique for Chloroplast Transformation and its Use for Production of human papillomavirus E7 Protein in Plants	2009 - 2012	IPMB	Ústav hematologie a krevní transfuze	Vlasák J.
GA ČR	GP522/07/P338	Molecular analysis of complex genome of Pseudomonas syringae pathogens and development of DNA-chip for their parallel detection	2007 - 2009	IPMB		Fousek J.
GA ČR	GA522/07/0053	Analysis of Radish mosaic virus (Comovirus) genome	2007 - 2009	IPMB		Petrzik K.
GA ČR	GA522/09/0707	Effect of acyclic nucleosid phosphonates and other antimetabolites against plant viruses	2009 - 2011	IPMB	ÚOCHB	Špak J.
GA ČR	GP522/09/P545	Identification of phytoplasmas using a fluorescence-based oligonucleotide microarray	2009 - 2011	IPMB		Lenz O.
GA ČR	GA206/08/0787	Environmental and physiological control of stomatal morphogeny	2008 - 2011	JU ČB	IPMB	Hronková M.
GA ČR	GA206/09/0375	Self-assembling light-harvesting structures based on chlorosomes of green photosynthetic bacteria	2009 - 2012	UK Praha, MFf	IPMB	Vácha F.
GA ČR	GA521/08/0740	Molecular analysis of transcription factors of hop (H. lupulus L.) in relation to lupulin biosynthesis.	2008 - 2011	IPMB	Chmelařský institut, s.r.o., Žatec	Matoušek J.
GA ČR	GA521/09/1214	Modification and in planta production of bifunctional nucleases and analysis of their anticarcinogenic and biological activities	2009 - 2011	IPMB	ÚŽFG Liběchov, VŠCHT Praha, UK Praha	Matoušek J.
GA ČR	GA521/07/0284	Molecular and cytogenetic analysis of the giant genomes of Fritillaria (Liliaceae)	2007 - 2009	MU Brno	IPMB, Royal Botanic Gardens (UK)	Macas J.
MŠMT	OC09021 COST	Study of apple proliferation and pear decline phytoplasmas in the Czech Republic	2009 - 2011	IPMB		Fránová J.
MŠMT	OC09022 COST	Survey on virus and phytoplasma diseases of Vaccinium in the Czech Republic	2009 - 2010	IPMB		Špak J.
MŠMT	MEB020726 KONTAKT MOBILITY	Obtaining structural information of metalloenzymes by different spectroscopic and diffraction methods	2008 - 2009	IPMB		Vácha F.
MŠMT	MEB040918 KONTAKT MOBILITY	Structure of light-harvesting and reaction centre complexes from purple sulphur bacteria Thiocapsa roseopersicina	2009 - 2010	IPMB		Vácha F.
MŠMT	MEB040917 KONTAKT MOBILITY	The anisotropic molecular architecture and stability of natural and artificial chlorosomes	2009 - 2010	IPMB		Vácha F.
MŠMT	LC06004	Integration of research activities to study the plant genome	2006 - 2010	BFU	IPMB	Macas J.
MZe - NAZV	QH71229	Diagnostics and methods of protection against quarantine and other economically important pathogens of fruit and leafy vegetables	2007 - 2011	VÚRV	IPMB, MLZU Brno, UP Olomouc	Mráz I.
MZe - NAZV	QH71145	Diagnostics of viruses and phytoplasmas in the breeding material of red clover	2007 - 2011	Šlechtitelská fa H. Jakešová	IPMB	Fránová J.

Mze - NAZV	QH91224	Research on methods for pathogen-free propagation material of currants	2009 - 2011	VŠÚO Holovousy s.r.o.	IPMB	Špak J.
Mze - NAZV	QH91192	Comparison of physiological and molecular biological methods applicable for evaluation of wheat and barley sensitivity to drought stress and their recommendation for selection of tolerant genotypes	2009 - 2011	MZLU Brno	IPMB, VÚRV	Hronková M.
MZe - NAZV	QH81052	Development of molecular-genetic markers for modern breeding and gene engineering of hop (<i>Humulus lupulus</i>) based on the system of genomic and expression libraries.	2008 - 2012	Chmelařský institut, s.r.o., Žatec	IPMB	Matoušek J.
MZe - NAZV	QH71290	Development of transgenic tissue lines of spruce (<i>Picea abies</i>) showing high toxicity towards bark beetle (<i>Scolytidae</i>) species	2007 - 2011	VÚLHM	IPMB	Vlasák J.
Mze - NAZV	QH91214	New biotechnological approaches for nepovirus resistance creation in grapevine rootstock cultivars	2009 - 2011	MZLU Brno	ÚMBR, VÚ Silva Taroucy	Pavingerová D.
ASCR	1QS500510558	Study of phytopathogen occurrence and its genetic variants	2005 - 2009	IPMB		Fránová J.
ASCR	1QS500510566	Exploitation of already developed DNA marker technology for legal certification of four "in-preparation" new Czech cultivars of Begonia TBH	2005 - 2009	IPMB	SEMPRA FLORA	Wiesner I.
IPMB	200/7014	Laboratory of genomics	2006 - 2009	IPMB		Špak J., Bříza J.
Státní rostlinolékařská správa	220/7034	Co-operation in phytosanitary diagnostics - reference laboratory	2006 - 2009	IPMB		Špak J.

Up-dating: 17.6.2009

Explanatory notes:

ASCR - Academy of Sciences of the Czech Republic
GA AV - Grant agency of the ASCR
GA ČR - Grant agency of the Czech Republic
MZe - Ministry of Agriculture
MŠMT - Ministry of Education, Youth and Sports
JU - University of South Bohemia