学院概况

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师资队伍

姓名：马平生　　性别：男　　职称：教授

姓名：	马平生	民族：	
出生年月：	0000-00-00	电话：	022-87402179
职称：	教授	职务：	

学习与工作简历:

1978年9月至1982年7月辽宁大学生物系微生物学专业，所获学位：学士 1982年8月至1984年9月辽宁省朝阳市食品发酵研究所，任助理工程师 1984年9月至1994年5月，辽宁省朝阳市氨基酸厂任助理工程师（1984-1985）；工程师（1986）；总工程师（1987-1994年5月） 1994年5月至1995年9月比利时荷语鲁汶天主教大学（Katholieke Universiteit Leuven, Belgium），访问学者，分子与细胞生物学 1995年10月至1998年10月学校：比利时荷语鲁汶天主教大学（Katholieke Universiteit Leuven, Belgium）博士生，专业：分子与细胞生物学，所获学位：博士（Ph.D.） 1998年10月至1999年12月纽约州立大学石溪分校（The State University of New York at Stony Brook, USA）博士后研究员，专业：分子与细胞生物学 2000年1月至2002年2月学校：比利时荷语鲁汶天主教大学（Katholieke Universiteit Leuven, Belgium），高级研究员 (Senior Academic Staff)，项目负责人 (Group Leader)，分子与细胞生物学，功能基因组学 2002年2月至今，天津大学化工学院，教授，分子与细胞生物学，代谢工程

讲授课程:

细胞生物学，分子与细胞生物学

研究领域（方向）:

细胞信号转导，细胞周期调控，代谢工程

参加学术团体:

课题成果:

代表论文:

1. Pingsheng Ma, Teresa Gonçalves, Antonio Maretzec, Maria C. Loureiro Dias, Helena Santos and Johan M. Thevelein (1997). The lag phase rather than the exponential growth phase on glucose is associated with a higher cAMP level in wild type and cAPK-attenuated strains of the yeast Saccharomyces cerevisiae. Microbiol (UK). 143, 3451-3459. 2. Stefaan Wera, Pingsheng Ma and Johan M. Thevelein (1997). Glucose exerts opposite effects on mRNA versus protein and activity levels of Pde1, the low-affinity cAMP phosphodiesterase from budding yeast Saccharomyces cerevisiae. FEBS lett. 420(2-3), 147-150. 3. Pingsheng Ma, Sonia Colombo, Liesbet Cauwenberg, Joris Winderickx, Marion Crauwels, Aloys Teunissen, David Nauwelaers, Johannes H. de winde, Marie-Françoise Gorwa, Didier Colavizza and Johan M. Thevelein (1998). Involvement of distinct G-proteins, Gpa2 and Ras, in glucose- and acidification-induced cAMP signalling in the yeast Saccharomyces cerevisiae. EMBO J. 17(12), 3326-3341 (Sonia Colombo and Pingsheng Ma contributed equally to this work). 4. Pingsheng Ma, Stefaan Wera, Patric Van Dijck and Johan M. Thevelein (1999). The PDE1-encoded low-affinity phosphodiesterase in the yeast Saccharomyces cerevisiae has a specific function in controlling agonist-induced cAMP signalling. Mol Biol Cell. 10(1), 91-104. 5. Leon Kraakman, Katleen Lemaire, Pingsheng Ma, Aloys Teunissen, Donaton Monic Patrick Van Dijck, Joris Winderickx, Johannes de Winde and Johan M. Thevelein (1999). A Saccharomyces cerevisiae G-protein coupled receptor, Gpr1, is specifically required for glucose activation of the cAMP pathway during the transition to growth on glucose. Mol Microbiol. 32(5), 6. Mieke Vanhalewyn, Françoise Dumortier, Gilda Debast, Sonia Colombo, Pingsheng Ma, Joris Winderickx, Patrick Van Dijck and Johan M. Thevelein (1999). A mutation in Saccharomyces cerevisiae adenylate cyclase, Cyr1k1876m, specifically affects glucose- and acidification-induced cAMP signalling and not the basal cAMP level. Mol Microbiol. 33(2), 363-376. 7. Pingsheng Ma, Joris Winderickx, David Nauwelaers, Françoise Dumortier, Annelies De Doncker, Johan M. Thevelein and

Patrick Van Dijck (1999). Deletion of SFI1, a novel suppressor of partial Ras-cAMP pathway deficiency in the yeast Saccharomyces cerevisiae, causes G2 arrest. Yeast. 15(11), 1097-1109. 8. Françoise Dumortier, Mieke Vanhalewyn, Gilda Debast, Sonia Colombo, Pingsheng Ma, Joris Winderickx, Patrick Van Dijck and Johan M. Thevelein (2000). A specific mutation in Saccharomyces cerevisiae adenylate cyclase, Cyr1K176M, eliminates glucose- and acidification-induced cAMP signalling and delays glucose-induced loss of stress resistance. Int J Food Microbiol. 55(1-3), 103-7. 9. Patrick Van Dijck, Marie-Françoise Gorwa, Katleen Lemaire , Aloys Teunissen , Matthias Versele, Sonia Colombo, Françoise Dumortier, Pingsheng Ma, An Tanghe, Annie Loiez and Johan M. Thevelein (2000).Characterization of a new set of mutants deficient in fermentation-induced loss of stress resistance for use in frozen dough applications. Int J Food Microbiol. 55(1-3), 187-92. 10. Johan M. Thevelein, Liesbet Cauwenberg, Sonia Colombo, Johannes de Winde, Donaton Monic, Françoise Dumortier, Leon Kraakman, Katleen Lemaire, Pingsheng Ma, David Nauwelaers, Filip Rolland, Aloys Teunissen, Patrick Van Dijck, Matthias Versele, Stefaan Wera and Joris Winderickx (2000). Nutrient-induced signal transduction through the protein kinase A pathway and its role in the control of metabolism, stress resistance, and growth in yeast. Enzyme Microb Technol. 26(9-10), 819-825. 11. Bonini BM, Christophe Van Vaeck, Christer Larsson, Lena Gustafsson, Pingsheng Ma, Joris Winderickx, Patrick Van Dijck and Johan M. Thevelein (2000). Expression of Escherichia coli otsA in a Saccharomyces cerevisiae tps1 mutant restores trehalose 6-phosphate levels and partly restores growth and fermentation with glucose and control of glucose influx into glycolysis. Biochem J. 350(Pt 1), 261-268. 12. Patrick Van Dijck, Pingsheng Ma, Matthias Versele, Marie-Françoise Gorwa, Sonia Colombo Katleen Lemaire, Daniela Bossi Annie Loïez and Johan Thevelein (2000). A baker's yeast mutant (fil1) with a specific, partially inactivating mutation in adenylate cyclase maintains a high stress resistance during active fermentation and growth. J Mol Microbiol Biotechnol. 2(4), 521-530. 13. Filip Rolland, Valeria Wanke, Liesbet Cauwenbergs, Pingsheng Ma, Eckhard Boles, Marco Vanoni, Johannes H. de Winde, Johan M. Thevelein and Joris Winderickx (2001). The role of hexose transport and phosphorylation for cAMP signalling in the yeast Saccharomyces cerevisiae. FEMS Yeast research. 1403 (2001), 1-13. 14. Bing Yan, Pingsheng Ma, Joris Winderickx and Johan Thevelein (2001) Genetic screening with yeast for mammalian genes involved in glucose sensing. YEAST. 18: S273-S273 Suppl. 15. Inge Holsbeeks, Monica Donaton, Ole Lagatie, Joris Vanderlocht,Marion Crauwels, Pingsheng Ma (presenting author), Joris Winderckx, Johan M. Thevelein (2001). The Gap1 general amino acid permease acts as an amino acid sensor for activation of protein kinase A targets in yeast. YEAST. 18: S275-S275 Suppl.