ORPHEUS EC member

John Creemers

PhD, Professor
Director of Doctoral School Biomedical Sciences
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KU Leuven, Belgium

Personal details:
Date and place of Birth: September 30, 1965, Meijel, Netherlands

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Research Gate

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ACADEMIC QUALIFICATIONS

1983-1989	MSc Chemistry, K.U. Nijmegen, The Netherlands
1989-1994	PhD in Medical Sciences, KU Leuven, Belgium
1994-1995	Postdoc, University of Cambridge, U.K.
1995-2000	Postdoc, KU Leuven, Belgium

PROFESSIONAL EXPERIENCE

2000-2001	Visiting Professor, UCHSC, Denver, U.S.A.
2001-2004	Assistant Professor, KU Leuven, Belgium
2004-2007	Associate Professor, KU Leuven, Belgium
2007-2011	Professor, KU Leuven, Belgium
2011-now	Full Professor, KU Leuven, Belgium

EXPERIENCE IN DOCTORAL EDUCATION

2012-now – Director of Doctoral School Biomedical Sciences (http://gbiomed.kuleuven.be/english/phd)

COMMITTEES & BOARDS

Vice program director of the POC Bachelor/Master Biomedical Sciences
Member of the YouReCa steering group (www.kuleuven.be/research/youreca/)
Member of the Council of the Faculty of Medicine
Member of the Internationalization Council
Member of the Departmental Board
KU Leuven representative of the LERU Doctoral Studies Community (www.leru.org)
Member of the FlanderBio competence needs analysis-steering group (www.flandersbio.be)
Member of the VLIR working group Doctoral Schools (www.vlir.be)
Acting chair of the Flemish interuniversity *f*-TALES steering group (www.ftales.be)

ACADEMIC AWARDS & DISTINCTIONS

1994 – E.C.-Human Capital and Mobility Training Fellowship, ERB4050 PL931382
1994 – D. Collen Research Foundation Scholarship (returned)
1995 – F.W.O. Vlaanderen, Postdoctoral Scholarship
1999 – F.W.O. Vlaanderen, Postdoctoral Scholarship
2000 – Fulbright Scholarship for Advanced Research in the United States
2001 – European Foundation for the Study of Diabetes / Merck Travel Fellowship
2002 – F.W.O. Vlaanderen, Postdoctoral Scholarship
2005 – BOF-ZAP appointment, KU Leuven

MEMBERSHIP OF PROFESSIONAL ORGANIZATIONS

Endocrine Society

SELECTED PUBLICATIONS

Régal, L., Shen, X., Selcen, D., Verhille, C., Meulemans, S., **Creemers, J.**, Engel, A. (2014). PREPL deficiency with or without cystinuria causes a novel myasthenic syndrome. Neurology, 82(14):1254-60.

Brouwers, B., de Faudeur, G., Osipovich, A., Goyvaerts, L., Lemaire, K., Boesmans, L., Cauwelier, E., Granvik, M., Pruniau, V., Van Lommel, L., Van Schoors, J., Stancill, J., Smolders, I., Goffin, V., Binart, N., in't Veld, P., Declercq, J., Magnuson, M., **Creemers, J.**, Schuit, F., Schraenen, A. (2014). Impaired Islet Function in Commonly Used Transgenic Mouse Lines due to Human Growth Hormone Minigene Expression. Cell Metabolism, 20 (6):979-990.

Creemers, J., Choquet, H., Stijnen, P., Vatin, V., Pigeyre, M., Beckers, S., Meulemans, S., Than, M., Yengo, L., Tauber, M., Balkau, B., Elliott, P., Jarvelin, M., Van Hul, W., Van Gaal, L., Horber, F., Pattou, F., Froguel, P., Meyre, D. (2012). Heterozygous Mutations Causing Partial Prohormone Convertase 1 Deficiency Contribute to Human Obesity. Diabetes, 61 (2), 383-390.

Pesu, M., Watford, W., Wei, L., Xu, L., Fuss, I., Strober, W., Andersson, J., Shevach, E., Quezado, M., Bouladoux, N., Roebroek, A., Belkaid, Y., **Creemers, J.**, O'Shea, J. (2008). T-cell-expressed proprotein convertase furin is essential for maintenance of peripheral immune tolerance. Nature, 455 (7210), 246-250.

Louagie, E., Taylor, N., Flamez, D., Roebroek, A., Bright, N., Meulemans, S., Quintens, R., Herrera, P., Schuit, F., Van de Ven, W., **Creemers, J.** (2008). Role of furin in granular acidification in the endocrine pancreas: Identification of the V-ATPase subunit Ac45 as a candidate substrate. Proceedings of the National Academy of Sciences of the United States of America, 105 (34), 12319-12324.

Benzinou, M., **Creemers, J.**, Choquet, H., Lobbens, S., Dina, C., Durand, E., Guerardel, A., Boutin, P., Jouret, B., Heude, B., Balkau, B., Tichet, J., Marre, M., Potoczna, N., Horber, F., Le Stunff, C., Czernichow, S., Sandbaek, A., Lauritzen, T., Borch-Johnsen, K., Andersen, G., Kiess, W., Körner, A., Kovacs, P., Jacobson, P., Carlsson, L., Walley, A., Jørgensen, T., Hansen, T., Pedersen, O., Meyre, D., Froguel, P. (2008). Common nonsynonymous variants in PCSK1 confer risk of obesity. Nature Genetics, 40 (8), 943-5.

Jaeken, J., Martens, K., Francois, I., Eyskens, F., Lecointre, C., Derua, R., Meulemans, S., Slootstra, J., Waelkens, E., de Zegher, F., **Creemers, J.**, Matthijs, G. (2006). Deletion of PREPL, a gene encoding a putative serine oligopeptidase, in patients with hypotonia-cystinuria syndrome. American Journal of Human Genetics, 78 (1), 38-51.

Scheuner, D., Mierde, D., Song, B., Flamez, D., **Creemers, J.**, Tsukamoto, K., Ribick, M., Schuit, F., Kaufman, R. (2005). Control of mRNA translation preserves endoplasmic reticulum function in beta cells and maintains glucose homeostasis. Nature Medicine, 11 (7), 757-764.

Jackson, R., **Creemers, J.**, Farooqi, I., Raffin-Sanson, M., Varro, A., Dockray, G., Holst, J., Brubaker, P., Corvol, P., Polonsky, K., Ostrega, D., Becker, K., Bertagna, X., Hutton, J., White, A., Dattani, M., Hussain, K., Middleton, S., Nicole, T., Milla, P., Lindley, K., O'Rahilly, S. (2003). Small-intestinal dysfunction accompanies the complex endocrinopathy of human proprotein convertase 1 deficiency. Journal of Clinical Investigation, 112 (10), 1550-1560.

Jackson, R., **Creemers, J.**, Ohagi, S., Raffinsanson, M., Sanders, L., Montague, C., Hutton, J., Orahilly, S. (1997). Obesity and impaired prohormone processing associated with mutations in the human prohormone convertase 1 gene. Nature Genetics, 16 (3), 303-306.