

# Publications from CMIC and CMIC users

## 2014

Bugge, S., S. J. Kaspersen, S. Larsen, U. Nonstad, G. Bjorkoy, E. Sundby and B. H. Hoff (2014). "Structure-activity study leading to identification of a highly active thienopyrimidine based EGFR inhibitor." *Eur J Med Chem* **75**: 354-374.

D'Souza, A., A. Bucchi, A. B. Johnsen, S. J. Logantha, O. Monfredi, J. Yanni, S. Prehar, G. Hart, E. Cartwright, U. Wisloff, H. Dobryznski, D. DiFrancesco, G. M. Morris and M. R. Boyett (2014). "Exercise training reduces resting heart rate via downregulation of the funny channel HCN4." *Nat Commun* **5**: 3775.

Franklin, B. S., L. Bossaller, D. De Nardo, J. M. Ratter, A. Stutz, G. Engels, C. Brenker, M. Nordhoff, S. R. Mirandola, A. Al-Amoudi, M. S. Mangan, S. Zimmer, B. G. Monks, M. Fricke, R. E. Schmidt, T. Espevik, B. Jones, A. G. Jarnicki, P. M. Hansbro, P. Busto, A. Marshak-Rothstein, S. Hornemann, A. Aguzzi, W. Kastenmuller and E. Latz (2014). "The adaptor ASC has extracellular and 'prionoid' activities that propagate inflammation." *Nat Immunol* **15**(8): 727-737.

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Nordgard, C. T., U. Nonstad, M. O. Olderoy, T. Espevik and K. I. Draget (2014). "Alterations in mucus barrier function and matrix structure induced by guluronate oligomers." *Biomacromolecules* **15**(6): 2294-2300.

Ostvik, A. E., A. Granlund, B. I. Gustafsson, S. H. Torp, T. Espevik, T. E. Mollnes, J. K. Damas and A. K. Sandvik (2014). "Mucosal toll-like receptor 3-dependent synthesis of complement factor B and systemic complement activation in inflammatory bowel disease." *Inflamm Bowel Dis* **20**(6): 995-1003.

Rampa, C., E. Tian, T. K. Vatsveen, G. Buene, T. S. Slordahl, M. Borset, A. Waage and A. Sundan (2014). "Identification of the source of elevated hepatocyte growth factor levels in multiple myeloma patients." *Biomark Res* **2**(1): 8.

Samstad, E. O., N. Niyonzima, S. Nymo, M. H. Aune, L. Ryan, S. S. Bakke, K. T. Lappegard, O. L. Brekke, J. D. Lambris, J. K. Damas, E. Latz, T. E. Mollnes and T. Espevik (2014). "Cholesterol crystals induce complement-dependent inflammasome activation and cytokine release." *J Immunol* **192**(6): 2837-2845.

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Tangeras, L. H., G. S. Stoddle, G. D. Olsen, A. H. Leknes, A. S. Gundersen, B. Skei, A. J. Vikdal, L. Ryan, B. Steinkjer, M. F. Myklebost, M. Langaas, R. Austgulen and A. C. Iversen (2014). "Functional Toll-like receptors in primary first-trimester trophoblasts." *J Reprod Immunol*.

Torsvik, J., B. B. Johansson, M. Dalva, M. Marie, K. Fjeld, S. Johansson, G. Bjorkoy, J. Saraste, P. R. Njolstad and A. Molven (2014). "Endocytosis of Secreted Carboxyl-ester Lipase in a Syndrome of Diabetes and Pancreatic Exocrine Dysfunction." J Biol Chem.

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Follin-Arbelet, V., M. L. Torgersen, E. H. Naderi, K. Misund, A. Sundan and H. K. Blomhoff (2013). "Death of multiple myeloma cells induced by cAMP-signaling involves downregulation of Mcl-1 via the JAK/STAT pathway." Cancer Lett **335**(2): 323-331.

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Misund, K., L. K. Selvik, S. Rao, K. Norsett, I. Bakke, A. K. Sandvik, A. Laegreid, T. Bruland, W. S. Prestvik and L. Thommesen (2013). "NR4A2 is regulated by gastrin and influences cellular responses of gastric adenocarcinoma cells." PLoS One **8**(9): e76234.

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