

PERSONAL INFORMATION



Gudrun Marteinsdottir Professor,CEO

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EDUCATION

Ph.D., Dept. Bio. Sciences, Rutgers University, New Brunswick, New Jersey, USA. 1991.
M.S., Dept. Biological Sciences, Rutgers University, New Brunswick, New Jersey, USA. 1984
B.S., Dept. Science and Engineering, University of Iceland, Reykjavik, Iceland. 1979

POSITIONS

Founder, CEO Tamar and Tamar Seeds (www.tamar.com) - 09/2010 & 01/2019:
Midnestorg 3, 245 Sandgerdi, Iceland. Research & development, production and marketing of innovative health and cosmetic solutions from the Sea.

Professor of Fisheries Sciences – 06/2000-Present. Institute of Biology, University of Iceland, Sturlugata 7, 101 Reykjavik. Responsible for education and research in the field of Fish Biology, Fish Ecology and Fisheries Sciences. 7 Post Doctoral Fellows, 9 PhD and 14 MS students.

Senior Scientist – 1991-2000. Marine Research Institute, Skulagata 4, 129 Reykjavik, Iceland: Senior Research Scientist responsible for assessment of Greenland Halibut, research of cod reproduction and recruitment and several other national and international research projects.

Editorial Assistant, EVOLUTION – 1987-1988. International Journal of Organic Evolution.

Teaching Assistant – 1987. Ichthyology, Dept. Bio. Sciences, Rutgers University, NJ, USA.

Graduate Assistant – 1983-1987. Center for Coastal and Env. Sci., Rutgers Uni., NJ, USA.

Research Assistant 1987-1989 Dept. Biology, University of Iceland

AWARDS AND RESEARCH GRANTS

- Technology Developmental Fund (Innovation): 2010-2011, 2012-2015, 2015-2016, 2018-2021
- H2020 Seal of Excellence for Tarasól 2018, 2019, 2020
- H2020 SME-Instrument phase I 2018
- Miscellaneous Innovation grants in 2007, 2008, 2012, 2015
- Nordic Top Level Research Initiative (NORMER) 2011-2015
- Nordic Research EFRAMER; Nordic Research COSMEA
- SeasEra: Seaman 2012-2015
- European Commission, 1996-1997 (4FP, partner), 1999-2001 (5FP: STEREO, partner), 2001-2005 (5Fp: METACOD; Coordinator), 2005-2008 (6FP: FISHACE, partner), 2006-2007 (6FP: GENIMPACT, partner), 2007-2009 (7FP: FINE, partner).
- Best Newcomer Award, ICES 1995
- Leatham Fund, Rutgers University, 1983, 1984, 1985, 1986; Russel Fund, Rutgers University, 1985; Raney Award, The Amer. Soc. of Ichthyologists and Herpetologists, 1985; The American-Scandinavian Foundation, 1985; NATO Science Fellowship, 1985; Lerner-Gray Fund for Marine Research of the American Museum of Natural History, 1986; New Jersey, Marine Science Consortium, Minigrant, 1986; New Jersey State Mosquito Control Commission, 1986; Summer Fellowship, Little Egg Inlet Marine Field Station, Rutgers University, 1986.

- Additional > 60 national grants and awards for research and innovation in 1993-2014

INVITED KEY NOTES

Effects of fishing on inter- and intra-stock variation of marine resources. Fisheries for Global Welfare and Environment, 5th World Fisheries Congress 2008, Yokohama, Japan

Has man learned to manage cod? IMR/PINRO Symposium, Polar Environment Centre, Tromsø, 21-23 August, 2007

The importance of sub-stock units in spawning and stock structure of cod at Iceland. MRI 40th Anniversary Symposium Reykjavík, 7. November 2005

Gain and productivity of the cod fishery in Iceland. Inst. Biology, Anniversary Symposium in Reykjavik, 19.-20. November, 2004.

The effect of climate variability on growth, maturity and recruitment. ICES symposium on the influence of climate change on north Atlantic fish stocks. Bergen, Norway 11.-14, 2004.

Can we improve stock-recruitment relationships by including maternal effects. 27th Annual Larval Fish Conference. 20-23. August, 2003, Santa Cruz, California, USA

PUBLICATIONS

Selected publications of >90 peer-reviewed papers, 3651 total citations, H index = 32 (Google Scholar). i10 indict. 58

Marteinsdottir, G. and G. A. Rose. 2019. Atlantic Cod: Origin and Evolution. In: Atlantic Cod: A Bio-Ecology, Ed. G. A. Rose. John Wiley and Sons.

Rose, G. A. and O.-R. Godø, G. Marteinsdottir. 2019. Exploitation: Cod is Fish and Fish is Cod. In: Atlantic Cod: A Bio-Ecology, Ed. G. A. Rose. John Wiley and Sons

Macdonald, J.I., Drysdale, R.N., Witt, R. et al. Rev Fish Biol Fisheries (2020). Isolating the influence of ontogeny helps predict island-wide variability in fish otolith chemistry Rev. Fish. Bio. 30: 172-202

Stefaniak-M. Vidarsson, Varsha A. Kale, María Guðjónsdóttir, Guðrun Marteinsdóttir, Ólafur Fridjonsson, Guðmundur Óli Hreggvidsson, Ólafur E. Sigurjonsson, Sesselja Omarsdóttir and Kristberg Kristbergsson. 2017. Bioactive effect of sulphated polysaccharides derived from orange-footed sea cucumber (*Cucumaria frondosa*) toward THP-1 macrophages, *Bioactive Carbohydrates and Dietary Fibre*. 12: 14-19. <http://dx.doi.org/10.1016/j.bcdf.2017.09.002>

Stefaniak-Vidarsson, M; Guðjónsdóttir, M; Marteinsdóttir, G; Omarsdóttir, S ; Bravo, E; Sigurjonsson, OE; Kristbergsson, K. 2019. Determination of bioactive properties of food grade extracts from Icelandic edible brown seaweed sugar kelp (*Saccharina latissima*) with in vitro human cell cultures (THP-1). *Functional Foods in Health and Disease* 9 (1) 1-15

Stefaniak-Vidarsson, María Guðjónsdóttir, Guðrun Marteinsdóttir, Ólafur E. Sigurjonsson, Kristberg Kristbergsson. 2017. Evaluation of bioactivity of fucoidan from laminaria with in vitro human cell cultures (THP-1). *Functional Foods in Health and Disease* 2017; 7(9): 688-701
