Experienced Executive, Product Developer and Entrepreneur

Matts Ole Kristian Enkvist

Thirty years of international industrial experience in executive R&D leadership, business development and product portfolio management in the Medical Device, Diagnostics and Life Science industries (HemoCue, Gambro, PerkinElmer, Wallac). Prior to that Team Lead in large pharma preclinical drug discovery (AstraZeneca). PhD in biochemistry, Adjunct Prof. (Docent) in Neurochemistry at Åbo Akademi Univeristy, Finland. CEO for AcouSort AB 2012-2014, CEO of POOW Applications AB 2018-2020, various board positions in life science startups. Currently Senior Advisor at SmiLe Venture Hub in Lund, Sweden, and independent consultant.

Adress

Hagstads Byaväg 110-4, 295 94 Näsum, Sweden, Kristian@Enkvistdevelopment.com , +46 735 400 752

Operational Positions

2018- Senior Advisor, SmiLe Venture Hub, Lund, Sweden

2021- COB, Business Development Partner, Health Capacity Nordic AB, PTFH AB, Helsingborg, Sweden

2018- Independent Consultant, Enkvist Development AB, Näsum, Sweden

2018-2021 CEO POOW Application AB, Lund, Sweden

2018-2019 Business Development Officer, AcouSort AB**,** Lund, Sweden

2015-2018 Vice President of R&D, HemoCue AB, Ängelholm, Sweden

2013-2015 Director of System Innovation, HemoCue AB, Ängelholm, Sweden

2012-2014 CEO AcouSort AB, Lund Sweden;

2010-2014 Independent Consultant, Enkvist Development AB, Lund, Sweden

2006-2010 Vice President of R&D Gambro, Lund, Sweden

2004-2006 VP of Product Development, PerkinElmer Life Sciences, Boston, MA, USA

2004-2005 R&D Site leader, PerkinElmer Life Sciences NEN, Boston, MA, USA

2002-2004 R&D site leader, PerkinElmer Life Sciences Wallac OY, Turku, Finland

2001-2002 R&D Portfolio Director, PerkinElmer Life Sciences, Turku, Finland

2000-2001 Product Manager, PerkinElmer Life Sciences, Turku Finland

1999-2000 Applications Manager, PerkinElmer Wallac OY, Turku, Finland

1995-1999 Senior Research Scientist, Team Leader AstraZeneca, Huddinge, Sweden

1985-1995 Assistant lecturer Biochemistry, Åbo Akademi University, Turku, Finland

1990-1993 Postdoctoral Research Associate, Univ. of North Carolina and MDC Berlin

Board of Directors Positions

PTFH AB, Helsingborg, Sweden 2024-
Health Capacity Nordic AB, Helsingborg, Sweden 2021-

Experienced Executive, Product Developer and Entrepreneur

AegirBio AB (publ), Lund, Sweden 2020-2021
AcouSort AB (publ), Lund, Sweden 2019-2021
Norinvent AB (publ), Lund, Sweden, 2018- 2019
Hydrogene AB, Lund, Sweden, 2011-2013
Kibron OY, Helsinki, Finland, 2002-2004

Academic Merits

Docent (Adjunct Prof.) in Neurochemistry 1995-
PhD in Biochemistry 1991

Military Training

Finnish Army Reserve Officer training 1980-81

Languages

Swedish, Finnish, English, German

Citicenship

Finnish and Swedish double citizenship

Scientific Publications in refereed journals

1. Enkvist MOK, Holopainen I and Åkerman KEO (1988), The effect of K^+ and glutamate receptor agonists on the membrane potential of suspensions of primary cultures of rat astrocytes as measured with a cyanine dye DiS-C_2(5), Brain Res. 462, 67-75
2. Enkvist MOK, Holopainen I and Åkerman KEO (1989), Alpha-receptor and cholinergic receptor-linked changes in cytosolic Ca^{2+} and membrane potential in primary rat astrocytes, Brain Res. 500, 46-54
3. Enkvist MOK, Holopainen I and Åkerman KEO (1989), Glutamate receptor-linked changes in membrane potential and intracellular Ca^{2+} in primary rat astrocytes, Glia 2, 397-402
4. Enkvist MOK and McCarthy KD (1992), Activation of protein kinase C blocks astroglial gap junction communication and inhibits the spread of calcium waves, J. Neurochem. 59, 519-526
5. Enkvist MOK and McCarthy KD (1992), Astroglial gap junction communication is increased by treatment with either glutamate or high K^+, J. Neurochem. 62, 489-495
6. Enkvist MOK, Hämäläinen H, Jansson CC, Kukkonen JP, Hautala R, Courtney MJ and Åkerman KEO (1996), Coupling of astroglial alpha-2 adrenoreceptors to second messenger pathways, J. Neurochem. 66, 2394-2401
7. Sundqvist C and Enkvist K (1987), The use of Lotus-123 in statistics, Comput. Biol. Med. 17, 395-399
8. Kauppinen RA, Enkvist MOK, Holopainen I and Åkerman KEO (1988), Glucose deprivation depolarises plasma membrane of cultured astrocytes and collapses transmembrane potassium and glutamate gradients, Neuroscience 26, 283-289
9. Åkerman KEO, Enkvist MOK and Holopainen I (1988), Activators of protein kinase C and phenyleprine depolarize the astrocyte membrane by reducing the K^+ permeability, Neuroscience Lett. 92, 265-269
10. Holopainen I, Louve M, Enkvist MOK and Åkerman KEO (1989), ^{86}Rubidium release from cultured primary astrocytes: Effects of excitatory amino acids, Neuroscience 30, 223-229
11. Holopainen I, Enkvist MOK and Åkerman KEO (1989), Glutamate receptor agonists increase intracellular Ca^{2+} independently of voltage-gated Ca^{2+} channels in rat cerebellar granule cells, Neurosci. Lett. 98, 57-62

12. Holopainen I, Louve M, Enkvist MOK and Åkerman KEO (1990), The coupling of glutamatergic receptors to changes in membrane potential and intracellular Ca^{2+} in rat cerebellar granule cells in primary culture, J. Neurosci. Res. 25, 187-19
13. Back C, Sistonen L, Enkvist MOK, Heikkilä JE and Åkerman KEO (1993), Ca^{2+} and Zn^{2+} dependence of DNA synthesis in untransformed and in Ha-ras val-12 expressing NIH 3T3 cells, Exp. Cell Res. 208, 303-310
14. Shao Y, Enkvist MOK, and McCarthy KD (1994), Glutamate blocks astroglia stellation: Effects of glutamate uptake and volume changes, Glia 11, (1-10)
15. Blankenfeld von G, Turner J, Anhert-Hilger G, John M, Enkvist MOK, Stephenson F, Kettenmann H and Wiedenmann B (1995), Expression of functional $GABA_A$ receptors in neuroendocrine gastropancreatic cells, Pflugers Arch.-Eur. J. Physiol. 430, 381-388
16. Courtney MJ, Enkvist MOK and Åkerman KEO (1995), The calcium response to the excitotoxin kainate is amplified by subsequent addition of extracellular sodium, Neuroscience 64, 1051-1057
17. Sandbacka M, Lilius H, Enkvist MOK and Isomaa B (1998), Rainbow trout gill epithelial cells in primary culture communicate through gap junctions as demonstrated by dye-coupling, Fish Physiology and Biochemistry 19, 287-292
18. Tammela, P, Alvesalo, J, Riihimaki, L, Airenne, S, Leinonen, M, Hurskainen, P, Enkvist, K and Vuorela, P (2004) Development and validation of a time-resolved florometric immunoassay for screening of antichlamydial activity using a genus-specific europium-conjugated antibody, Analytical Biochemistry 333, 39-48