

CURRICULUM VITAE

ROLE IN THE PROJECT

Project manager ☒

Project partner ☐

PERSONAL INFORMATION

Family name, First name: Ertsås, Henriette Christie

Date of birth: 21.10.1974

Sex: Female

Nationality: Norwegian

Researcher unique identifier(s) ORCID:0000-0001-5013-3969

URL for personal web site:

<https://www.forskningtilfolket.w.uib.no>

<https://www.uib.no/personer/Henriette.Christie.Ertsås>,



EDUCATION

- 2018 PhD in Molecular Biology "*The effects of ageing on microenvironment-contextual epithelial cell signaling*".
Faculty of Medicine, Institute of Biomedicine, University of Bergen, Norway
- 2006 Master in Virology "*Investigation of activation markers as a method of measuring CD4 and CD8 immune recovery during HAART*".
Faculty of Natural Sciences, Institute of Molecular Biology, University of Bergen, Norway
- 2004 Master of Fine Arts, Acting, Actor's Studio Drama School, New York, USA.

CAREER BREAKS

None

POSITIONS

Current position

- 2022- *Lab assistant processing blood samples for vaccine studies (Vaccelerate Panoramic, Nykode) and performing public outreach for Influenza centre, UiB.*
- 2018- Various outreach projects engaged as my enterprise "Science to the People", performing/carrying out science communication for different research groups at University of Bergen, Norway

Previous positions held

- 2009-2023 Project leader and performer of science shows, workshops and activities for
1) VilVite Science Centre 2) Bergen Kommune 3) Vestland Fylkeskommune
4) Centre for Cancer Biomarkers and 5) Research Council of Norway
6) Bergen Covid-19 research group 7) Forskningsdagene 8) Neuro-SysMed
- 2018 Project leader of PROFORSK funded outreach, Norwegian Science Council, Norway
- 2011-2014 Research fellow (PhD), Department of Biomedicine, University of Bergen,
2007-2011 Research Assistant, Department of Biomedicine, University of Bergen, Norway

MOBILITY

- 2012-2014 12 months in the lab of Mark La Barge at Lawrence Berkeley National Laboratory, Department of Energy, USA funded by Norwegian Cancer Society

PROJECT MANAGEMENT EXPERIENCE

2023	Popular science book on immune tolerance from Norsk faglitterær forfatter- og oversetterforening (NFFO) 136.000,- NOK
2022-2023	Outreach Multiple Sclerosis Jacob & Inger Valsøes stiftelse 70.000,- NOK
2021	Immunology and Vaccine <i>Dissemination</i> – Research Council of Norway, Alrek Helseklynge, Red Cross, H. Westfal-Larsen fond 300.000,- NOK
2020-2022	<i>Project funding: Theatre</i> , Arts Council Norway 65.000,-NOK
2020-2022	Microbiome – Brain / Gut axis <i>Dissemination</i> NeuroSysMed 24.000,-NOK
2020-2022	<i>Virology Dissemination</i> – Bergen Covid-19 Research Group 99.000,-NOK
2007-2020	<i>Biology and medicine Dissemination</i> – VilVite Science Centre 299.000,-NOK
2018-2020	<i>Project funding: Art and cultural enterprise</i> , Hordaland Fylkeskommune 39.000,-NOK
2016-2023	<i>Cancer dissemination</i> – CCBIO, University of Bergen 205.400,-NOK
2019	<i>Entrepreneur funding</i> Hordaland Fylkeskommune 35.224,- NOK
2018	<i>Project establishing funding</i> – Research Council of Norway 5000,-NOK
2018	<i>Cancer dissemination</i> PROFORSK Research Council of Norway 90.000,-NOK
2015-2022	<i>Entertainment for children on Saturdays</i> – Bergen Kommune 60.000,-NOK
2014-2021	<i>Science outreach</i> Kulturelle Bæremeisen, Bergen Kommune 65.000,- NOK
2010-2013	<i>Science Outreach</i> Kulturelle Skolesekken, Bergen Kommune, 80.000,-NOK
2009	<i>Forskningsdagene</i> , Research Council of Norway 30.000,-NOK

TEACHING ACTIVITIES

2016-2021	Leader of colloquia for students in medicine, pharmacology, odontology and molecular biology
2006-2007	High School Teacher: Danielsen Intensive High School, Norway: Biology, Chemistry International Baccalaureate, Norway: Chemistry Åsane High School, Norway: Biology, Natural Science
2002-2005	Teaching Norwegian to Americans, Seaman's Church, New York, USA
2005-2022	Director and/or choreographer of plays and music shows

ORGANISATION OF SCIENTIFIC MEETINGS

2020-2023	Contributor (Lecture) for Influenza centre on Forskningsdagene, Norway. 800 attendees. Panel discussion during BIFF 2022 for CAMRIA . 30 attendees.
2019	Organizer, producer and performer of " Learn about cancer through Art " (LACTA), 150 attendees to performances and exhibition, Institute of Clinical medicine and Natural History museum, Norway
2015-2019	Contributor (Performer) and organizer of CCBIO on Forskningsdagene, 100 audience members each year, Norway
2014	Contributor (Performer) and organizer and performer of Norwegian Cancer Society Forskningsdagene, 200 audience members, Norway

COMMISSIONS OF TRUST

2020	Reviewer for journal "Food and Function", Royal Society of Chemistry, UK
2017-2022	Board member and organizer of Impro group "Bergen Impro Battle", Norway
2011-2012	Head of board in Kalfarparken Borettslag

MAJOR COLLABORATIONS

Rebecca Cox (rebecca.cox@uib.no), Virology, Bergen Covid-19 Research Group, Norway
Geir Olav Løken (Geir.Loken@uib.no), Cancer, Centre of Cancer Biomarkers, Norway
Magnus Alvestad (magnus.alvestad@helse-bergen.no), Brain, Neuro-SysMed, Norway
Helene Unneland (Helene.Unneland@kreftforeningen.no), Cancer, Cancer Society, Norway
Camilla Larsen (cl@vilvite.no), Science shows, VilVite Science Center, Norway
Tarig Osman (Tarig.Osman@uib.no), Cancer, Institute of Clinical medicine, Norway

Liste over publikasjoner og vitenskapelige arbeid

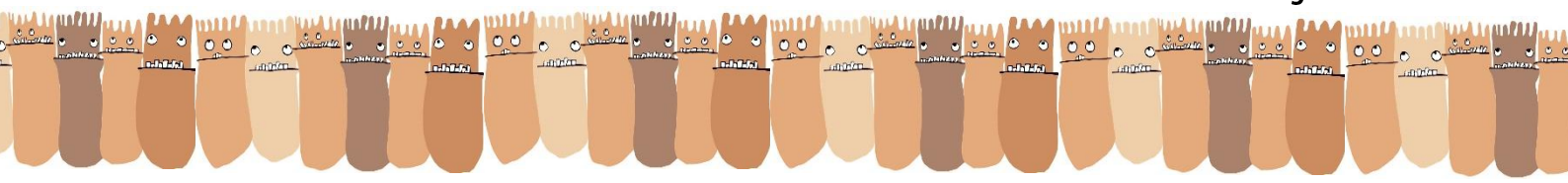
Ever since my very first lecture in biology, I tend to imagine biochemical reactions, cell interactions and physiological processes as scenes between characters having conflicting desires. Stories in which cause and effect follow an Aristotelian tension curve. Following my Cand. Scient in HIV therapy, I produced performances on HIV, influenza, vaccines, protein synthesis, and photosynthesis. During my PhD work on cancer, it was signal transmission and the mindset of cancer cells that ended up on stage. A large number of children and adults in Bergen and the surrounding area have thus met Vilde Virus, Fråtse-Frida, Selena Syntena, Bjarne Bodyguard, Professor Flink, LactoLise, ClosTrude, T-Reggae, Miss Carcinoma and Kristine Kreftcelle. The audience gets to play viruses, immune cells, cancer- and vaccine researchers, GPs, molecules, surgeons, nurses, mutants besides good and really bad cell microenvironment.

During Forskningsdagene 2014, I received an award for best stand at Forskningstorget. I have received both state, municipal and academic financial support to bring my performances to schools and organisations. I have sought out other academic fields, including gender studies, art studies and philosophy of science. I have looked abroad on several occasions: as an Erasmus student in Paris, an acting student in New York and for a research stay in Berkeley, CA. In Berkeley, I got access to a biobank of normal breast tissue samples from women of different ages. It enabled a study of age-dependent cell changes that explains why older women are more likely to develop cancer. These findings comprise my PhD, and was disseminated in scientific journals, newspaper articles and popular science performances. Today, I seek out research groups at the university to disseminate their findings. My scientific and theatrical background makes me particularly suited to comprehend and subsequently communicate advanced medical science to the people.



1. *Number of publications:*
1 published paper, 1 pre print paper, 5 abstracts in conference proceedings, 6 popular science articles in the public press, 14 popular science theatre performances, 8 popular science short films, 9 popular science activities / workshops
2. *Publications:*
[Microsphere Cytometry to interrogate microenvironment-dependent cell signalling](#)
Integr. Biol., 2017,**9**, 123-134, 1 citation.
[Microenvironment-contextual cell signaling is attenuated with age](#)
BioXriv., 2019, 27.06

Garry Nolan came up with the idea of using plastic beads to mimic cell microenvironment. I developed the technique, performed all the experimental work, the analysis and lay out and presentation for both publications with the exception of the electron microscopy images where I got some assistance in the running the samples.
5. *Examples of leadership in public innovation with societal impact:*
Developed and produced popular science board game “Pandemien er over” 2022
Produced and carried out interactive popular science exhibition “Learn about cancer through art”, [touring schools and institutions](#) 2020-2023
Produced and carried out [Talentsenteret](#), Molecular biology for talented teenagers, VilVite, 2010-2020 and summer school for Bergen Kommune 2021 and 2022
Produced and carried out [Molecular Autumn break lab course for teenagers](#), Institute of Molecular Biology, Norway 2006,



3. *Monographs:*
[“The effects of ageing on microenvironment-contextual epithelial cell signaling”](#)
 Institute of Biomedicine, University of Bergen, Norway, Available at BORA

6. Invited presentations to peer-reviewed national or international conferences:
 All written and presented by me.
 Contributed with poster at [Frontiers in Cancer Research \(FCR\) Conference](#), at German Cancer Research Center (DKFZ), Heidelberg, Germany, 2018.
 Contributed with poster at [CCBIO's international Symposium](#) 2013, 2015 and 2016.
 Oral presentations at CCBIO's Junior Scientist Symposium [2015](#), [2016](#), [2019](#)
 Invited to present at [“Tumor stroma, friend or foe?”](#) The Marie Curie ITN Network CAFFEIN, Norway, 2015.
 Contributed with poster at European conference of Experimental AIDS research (ECEAR), 2001.

7. Experiences from major outreach activities and/or invited presentations in public conferences:

Popular science dissemination: One-woman theatre performances, script, direction and acting by me
[“The Pandemic is over...”](#) Board game 2022
[“Immunology and vaccine on flannel board”](#) Influenza centre, 2020-2022
[“Vilde Virus and the vaccination”](#), VilVite 2012, Influenza centre 2020, NFR 2021
[“Vilde Virus and the secret invasion of Laryngoland”](#) VilVite 2009, Influenza c. 2021
[“LactoLisa and ClosTrude – Best friends forever”](#), Neuro-SysMed 2020
[“Course in Carcinoma”](#) LACTA, 2019
[“Stine Stem cell finds herself”](#), CCBIO, 2019
[“Christine the cancer cell – A sociopath of the body”](#), CCBIO, 2016.
[“Stop the cancer cell Gloria Glutton!”](#) CCBIO, 2015.
[“Control, Queues and Chaos – Life inside the cell”](#) Cancer Society, 2014.
[“Photosynthesis”](#), VilVite 2013
[“Poor spelling teaches the virus the art of survival”](#) Forskningsdagene 2009
[“Protein Factory”](#), VilVite 2007

Popular science dissemination: podcast, films with script, direction and acting by me
[Podcast](#) about Immunology, virus and vaccines 2022-2023
[Corona virus 2021](#)
 Cancer Cell [The World's worst colleague 2019](#)

Popular science dissemination: Articles written by me
[Is the pandemic over now?](#) Forskeren.no, 2022
[This year a vaccine is the best christmas gift](#) Klassekampen, 2021
[“Bad leadership, negative culture and cuts in the workforce – not easy being a cell”](#)
 Patient magazine for department of oncology, Haukeland Hospital, Norway, 2018.
[“Chronic, but not Deadly”](#), Bergens Tidende, 2014.
[“Cristine Cancer Cell – A sociopath of the body”](#), Aftenposten, 2013.
[“Still waiting for a HIV vaccine”](#), Bergens Tidende 2001

 Public conferences:
[Of course you would never publish in a predatory journal, or would you](#), UiB, 2022
[Researcher's Night](#): Natural history museum, Performance, UiB, Norway 23.09.16.
 Idéfestivalen, UiO 200 år – Performance, University of Oslo, 2011

 Prizes:
[Researcher Grand Prix 2013](#), Norway,
[Best Stand at National Science Fair 2014](#), Norway

