

Information from PDT group pr. 1th Sept. 2016:

EU applications including the PDT group:

2016: European Cooperation in Science and Technology, COST, Proposal OC-2016-1-20997. Administrated by O. Gederaas

2016: ERASMUS Plus, Together Univ. in Lyon (Fr.), Univ. in Salzburg (Au) and Univ. in Sofia (Bu.). Administrated by O. Gederaas

2015: : European Cooperation in Science and Technology, COST, Proposal OC-2015-1-19566

EU-application, January 2015, Marie –Curie, ITN, Horizon 2020-MSCA-ITN-2015

EU-application, January 2013, ICT, Call10, FP 7-ICT-2013 (Leeds). O.G. invited as a partner of the PDT-field.

EU-Application, Jan 2009, together PCI Biotech AS,, Administrated by Anders Høgset, PCI Biotech AS, Oslo.

PATENT:

- Patent accepted Oct. 2015: INO 1P001GB, (INVEN 2), Clinical trial planned late in 2016 at NTNU/St. Olav's Hospital/UiO.

Project leader Dr. Q. Peng, University Hospital Oslo.

- Application about novel biochemical and physical PDT techniques submitted through the NTNU "Technology Transfer Office": <http://www.tto.ntnu.no/>, August 2012, have to be continued.

COLLABORATORS:

Companies:

-PCI Biotech AS, Oslo (patent drug support, Amphinex®. Projects: Rat bladder cancer model. Glioma cancer model.

-Photo Cure ASA, Oslo (patent drugs support, Hexvix®). Different PDT-projects

-APIM Therapeutics AS, Trondheim (patent drug support, ATX101®). Projects: Rat bladder cancer model. Glioma cancer model.

-ENS de,Lyon, France. Projects: *In vitro* testing of novel chromophores

International Universities:

- Univ. of Salzburg, Austria, Prof. Barbara Krammer and Dr. Kristjan Plaetzer. Projects: *In vitro* studies. New light sources.

- Univ.of California, USA, Prof. Henry Hirschberg (introduction to glioma models)

- Univ. of Lyon, France, Dr. Cyrille Monnereau (development of chromophores and sensitizers)

- Univ. of Sofia, Bulgaria. Dr. Vanya Bogoeva, Guest researcher in Gederaas group (2015): Projects: Ruthenium in PDT studies. Proteomics.

National Universities:

- Department of Chemistry, Univ. of Tromsø, Prof. Ghosh (*In vitro* experiments on novel corroles)

- Department of Medical Biology, Univ. of Tromsø, Prof. Ingebrigt Sylte. Project: Molecular modelling

- Department of Radiation Biology, the Norwegian Radium Hospital, Prof. Kristian Berg. Projects: Photochemical Internalization, glioma model

- Department of Pathology, Radium Hospital, Oslo, Prof. MD. Qian Peng: Projects: Photochemical Internalization (pathology,microscopy), Photopheresis

- Department of Circulation and Imaging, Ass. Prof. Lasse Løvstakken, NTNU: Project: Ultrasound measurements

- Department of Physics, NTNU, Prof. Mikael Lindgren, Prof. Anders Johnsson. Hyperspectral imaging, confocal microscopy

Students in group of Gederaas:

PhD students:

Yan Baglo (Helse Midt Norge), 3 years, PhD exam 4th July, 2014, Main supervisor.

Linda Helander (FUGE), 4 years, Co-supervisor, PhD exam 30th June 2015.

Rinku Singh, HMN, 3 years, Co-supervisor, in progress, planned finish Dec. 2016.

Master of technology students:

Anette Hauge. Project and master student, Co-supervisor (2012-2013)

Ingvild Kinn Ekroll. Project and master student, Co-supervisor (2008-2009)

Master of science students:

Nogaye Moe, 2016-2017, Main supervisor

Orjahan Saidshahagha, 2016-2017, Main supervisor

Rune Einan, 2016-2017, UiO, Co-supervisor

Saide Abdulla, Exam June 2016, Main supervisor

Yusuf Kanamazina, Exam June 2016, Main supervisor

Monica Siksjø, Exam June 2015, Co-supervisor (2013-2015)

Chetana Shresta. Exam Aug. 2011. Main supervisor

Rojlina Manadhar. Exam Aug. 2011. Main supervisor

Toril Årset. Exam June 2010. Main supervisor
Yan Baglo. Exam Des. 2009. Main supervisor

Bachelor students:

Henriette Godø, 2004, Publication: Pharmazie, 2007, 62,2.

Karen A Foldnes, 2004, Publication: Pharmazie, 2007, 62,2.

Endre Vollsund, 2003, Publication: Photochem. Photobiol. Sci. 4, 1-8.

Oral presentation from the PDT-group, International and National congresses:

40 + oral presentations/activities during 2011-2016. Detail informations at intern registration, "Cristin", NTNU.

PRESENTATION OF RESEARCH AT TELEVISION, NEWSPAPER AND OFFICIAL EXHIBITIONS ACCORDING TO PDT GROUP:

2015: One day exhibition, Rockheim, Trondheim, Administrator: O. Gederaas. Presentaion of "The international Year of Light"

2008: Television program: "Schrödinger s Katt",

2002: «Universitets avisa», Article: «Rapport fra et vinnermiljø».

2001: Newspaper "Adresseavisen", Article: "Dreper kreft med lys".