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Department of Food Technology
Faculty of Food Technology
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EDUCATION

Moscow State University of Food Processing, Moscow, Russia
Ph.D. in field of Meat, Milk, Fish products Technology and Refrigeration Manufacture,
2009-2011

Technical State University of Astrakhan, Astrakhan, Russia
Engineer, in Food Biotechnology, 2002 - 2007

RESEARCH INTERESTS:

- Seaweed processing and new product development
- Bioactive compounds from marine processing by-products

RESEARCH EXPERIENCE

- Research algae of Vietnam and development of complex technology for obtaining polysaccharides, Cooperation project of Ministry of Science and Technology (Vietnam) and Russian Federal Research Institute of Fisheries and Oceanography, 2008-2010, participant.
- Development of the sulfated galactan technology from cultivated red algae – carrageenophytes genus *Kappaphycus* and *Euचेuma*, Doctoral thesis, Russian Federal Research Institute of Fisheries and Oceanography, Russia, 2009-2011.

TEACHING RESPONSIBILITY

Undergraduate

- **FOT341** - Food Canning Technology
- **FOT360** - Technology of Meat, Fish, Dairy Products, and Food Lipids

PUBLICATIONS and PRESENTATIONS

Journals

1. Podkorytova A.B, **Phan TK Vinh**. 2010. Pigments and carrageenan from red algae. RYPROM № 3, P. 74-78. ISSN 2073-9656 (In Russian).
2. **Phan TK Vinh**, Podkorytova A.B, Ignatova T.A, Usov A. I. 2010 Cultivation and processing of red algae – carrageenophytes in Vietnam. RYPROM № 3, P. 26-31. ISSN 2073-9656 (In Russian).
3. **Phan TK Vinh**, Podkorytova A.B. 2012. Red algae genus *Kappaphycus* и *Eucheuma*, cultivated in coastal area of South Vietnam: chemical composition of biomass, properties and carrageenan technology. IZVESTIYA TINRO, №.170 , P. 256-263, ISSN 1606-9919 (In Russian).

Presentations

1. Podkorytova AB, Ignatova T.A, Usov A. I., Tran TT Van, **Phan TK Vinh** «Red seaweeds cultivated in Vietnam as promising raw material for production of agar and carrageenans in Russia» 5th Moscow International Congress «Biotechnology: Current state and development prospects», March 16-20th , Moscow, Russian Federation.
2. **Phan KV**, Podkorytova AB, Ignatova T.A, Usov A. I. «Chemical composition of *Eucheuma*, *Kappaphycus* biomass cultivated in Vietnam and properties of their carrageenans». 20th International Seaweed Symposium, Ensenada, Baja California, Mexico, February 22-26. – 2010.
3. Podkorytova AB, **Phan KV** «Comparative characteristic of red algae – carrageenophytes genus *Chondrus* in the North Sea and *Kappaphycus*, *Eucheuma* in tropical regions» International Workshop «Development of water biological resources in Arctic and international cooperation», September 15-17th 2010 in Tromse, Norway.
4. **Phan TK Vinh**, Podkorytova AB. Pigments from red algae –carrageenophytes in Vietnam. 4th Scientific and Practical conference «Food and Marine Biotechnology for healthy nutrition and medical-social issues». Svetlogorsk, Kaleningrad State, Russian Federation, July 1st-2nd, 2011.

5. **Phan TK Vinh**, Podkorytova AB. Perspective source of carrageenan from red algae-carrageenophytes, cultivated in Vietnam. 8th Conference of students and young scientists «Live systems and Biological safety of the population», Moscow, Russian Federation, 2011.
6. **Phan TK Vinh**, Podkorytova AB. Pigments and carrageenan from red algae-carrageenophytes, cultivated in Vietnam. 4th International Scientific and Practical Conference «Marine coastal ecosystems. Seaweed, invertebrates and products of their processing» September 19-22, 2011, Yuzhno-Sakhalinsk, Russian Federation.
7. **Phan Thi Khanh Vinh** and Antonina V Podkorytova. Natural Biopolymers-Carrageenans: Their receiving from red algae genus of Kappaphycus and Eucheuma cultivated in the coastal area of South Vietnam. Poster at the Congress Bionanotox 2012 «Biomaterials and Bionanomaterials: Recent Problems and Safety Issues», 3rd Russian-Hellenic Symposium organised in Heraklion, Crete- Greece on the 6-13th May 2012.