

PERSONAL

Name	Dr. REJITHA V.	
Department	ZOOLOGY	
Year of Joining	1st March, 2013	
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Academia URL (not mandatory)	-	
Research Gate URL (not mandatory)	-	

College-level Duties and In-charge:

Duty	Position	Duration
IQAC	Member	2017-18
UGC Planning Board and Steering Committee	Member	2017-18
Research Journal	Editor	2017-18
Discipline Committee	Member	2017-18
Department	HOD	2017-18 onwards

Qualifications:

Degree	Rank	Institute	University
M. Sc.	2 nd rank (CSS)	Department of Zoology, Kerala University Campus, Kariavattom	University of Kerala
B.Ed.	Nil	Peet Memorial Training College, Mavelikkara	University of Kerala

Research degrees:

Degree	Institute	University
M.Phil.	Department of Zoology, Kerala University Campus, Kariavattom	University of Kerala

Ph.D.	Department of Zoology, Kerala University Campus, Kariavattom	University of Kerala
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Research	No. s	Journals in which published
Regional Publications	1	1. <i>Catholicate Journal of Studies and Research: Multidisciplinary Biannual Journal.</i> (2015)
National Publications	6	1. <i>Indian Journal of Experimental Biology</i> (2007) 2. <i>Journal of Endocrinology and Reproduction</i> 2009 – 2 2008 – 2 2007 – 1
International Publications	2	1. <i>General and Comparative Endocrinology</i> (2011 & 2013)
Seminars Attended	13	-
Workshops	3	-
Paper Presentations National	12	-
Paper Presentations International	3	-
Minor Research Projects	Pharmaceutical Compounds and its impact on Aquatic Organisms.	UGC (Completed)
Major Research Projects	Nil	-

Papers published in journals

1. Balan N., Hariharan, S. and **Rejitha, V.** (2015). Nutritive value of fishes: A comparative study using three teleosts. *Catholicate J. Studies Res.: Multidisciplinary Biannual Journal.* 4(1&2): 85-88.
2. **Rejitha, V.** and Peter, M. C. S. (2013). Adrenaline and triiodothyronine modify the iron handling in the freshwater air-breathing fish *Anabas testudineus* Bloch: Role of ferric reductase in iron acquisition. *Gen. Comp. Endocrinol.* 181: 130-138.
3. Peter, M. C. S. and **Rejitha, V.** (2011). Interactive effects of ambient acidity and salinity on thyroid function during acidic and post-acidic acclimation of air-breathing fish (*Anabas testudineus* Bloch). *Gen. Comp. Endocrinol.* 174: 175-183.

4. **Rejitha, V.** Peter V.S. and Peter M.C.S. (2009). Salinity acclimation demands thyroid hormone action in climbing perch (*Anabas testudineus* Bloch). *J. Endocrinol. Reprod.* 13(2): 63-72.
5. Peter, M.C.S., Joshua, E.K., **Rejitha, V.** and Peter, V.S. (2009). Thyroid hormone modifies the metabolic response of air-breathing perch (*Anabas testudineus* Bloch) to nimbecidine exposure. *J. Endocrinol. Reprod.* 13(1): 27-36.
6. Vijayasree, A.S., **Rejitha, V.**, Peter, V.S., Oommen, O.V. and Peter, M.C.S. (2008). Interrenal response in climbing perch (*Anabas testudineus* Bloch) to nitrate exposure: Hydromineral and metabolic considerations. *J. Endocrinol. Reprod.* 12(2): 73-79.
7. Peter, M.C.S., Leji, J., **Rejitha, V.**, Ignatius, J. and Peter, V.S. (2008). Physiological responses of African catfish (*Clarias gariepinus*) to water-borne ferric iron: Effects on thyroidal, metabolic and hydromineral regulations. *J. Endocrinol. Reprod.* 12(1): 24-30.
8. Leji, J., Babitha, G.S., **Rejitha, V.**, Vijayasree, A.S., Ignatius, J., Peter, V.S., Oommen, O.V. and Peter, M.C.S. (2007). Thyroidal and osmoregulatory responses in tilapia (*Oreochromis mossambicus*) to the effluents of coconut husk retting. *J. Endocrinol. Reprod.* 11(1): 23-30.
9. Peter, M.C.S., **Rejitha, V.** and Dilip, D.G. (2007). Handling of ferric iron by branchial and intestinal epithelia of climbing perch (*Anabas testudineus* Bloch). *Indian J. Exp. Biol.* 45(10): 896-900.

Papers presented in conferences

1. Vishnupriya S. Nair and **Rejitha V.** (2015). Effect of preservative processes on the nutritional essentials in the muscle tissue of two teleost fishes. National Seminar on Threat Status and Biodiversity of Fish Fauna of Western Ghats. Organised by Department of Zoology, Iqbal College, Peringammala, Thiruvananthapuram, October 14-15, 2015.
2. Anju Krishna V. R. and **Rejitha V.** (2015). Effect of water-borne paracetamol on the muscle metabolic status of *Oreochromis mossambicus*. National Seminar on Threat Status and Biodiversity of Fish Fauna of Western Ghats. Organised by Department of Zoology, Iqbal College, Peringammala, Thiruvananthapuram, October 14-15, 2015.
3. Peter, V. S. and **Rejitha, V.** (2012). Differential responses of air-breathing fish to iron oxide nanoparticle during stress response. 7th International Conference on the Environmental Effects of Nanoparticles and Nanomaterials, P69. The Banff Centre, Banff, Alberta, Canada, September 10-12, 2012. pp. 36.
4. **Rejitha, V.** and Peter, M. C. S. (2012). Adrenaline and triiodothyronine are involved in the iron acquisition of climbing perch (*Anabas testudineus* Bloch): Evidence from ferric reductase activity. International Symposium on Comparative

Endocrinology and Stress Physiology held at University of Kerala, Thiruvananthapuram. February 16-18, 2012. pp. 88.

5. Peter, M. C. S., Peter, V. S. and **Rejitha, V.** (2011). Physiologic effects of iron nanoparticles in the air-breathing fish *Anabas testudineus* Bloch. 6th International Conference on the Environmental effects on nanoparticles and nanomaterials held at London, September 19-21, 2011. N1.92.
6. **Rejitha, V.** and Peter, M.C.S. (2011). Iron handling by freshwater fish gills: role of H⁺-ATPase and cortisol. 29th Ann. Symp. Reprod. Biol. Comp. Endocrinol. held at University of Mysore, India. February 10-12, 2011. pp. 126.
7. **Rejitha, V.** and Peter, M.C.S. (2010). Salinity acclimation demands thyroid hormone and cortisol action in climbing perch (*Anabas testudineus* Bloch). 28th Ann. Symp. Reprod. Biol. Comp. Endocrinol. held at Jawaharlal Nehru University, New Delhi, India. February 4-6, 2010. pp. 99.
8. **Rejitha, V.** and Peter, M.C.S. (2010). Iron acquisition by freshwater fish gills: Role of Na⁺, K⁺-ATPase. Presented in the 22nd Kerala Science Congress held at KFRI, Peechi. January 28-31, 2010. pp. 825.
9. **Rejitha, V.** and Peter, M.C.S. (2009). Iron tolerance in the climbing perch, *Anabas testudineus* (Bloch): Role of thyroid hormones and cortisol. Presented in the 27th Ann. Symp. Reprod. Biol. Comp. Endocrinol. held at University of Hyderabad, Hyderabad, India. January 19-21, 2009. pp. 91.
10. **Rejitha, V.**, Jilna Alex and Peter, M.C.S. (2008). Endocrine control of ferrous iron handling in the net-confined climbing perch *Anabas testudineus* Bloch. Presented in the 26th Ann. Symp. Reprod. Biol. Comp. Endocrinol., Holy Cross College, Tiruchirappalli, India, January 23-25, 2008. pp. 28.
11. Vijayasree, A.S., **Rejitha, V.**, Peter, V.S., Oommen, O.V. and Peter, M.C.S. (2008). Interrenal response to water-borne nitrate in the climbing perch, *Anabas testudineus* Bloch: Hydromineral and metabolic considerations. Presented in the 26th Ann. Symp. Reprod. Biol. Comp. Endocrinol. Held at Holy Cross College, Tiruchirappalli, India, January 23-25, 2008. pp. 54.
12. **Rejitha, V.**, Lekshmy, S. and Peter, M.C.S. (2007). Differential response of the bioaccumulation of iron in the haematopoietic tissues of climbing perch to ferrous and ferric iron infusions. Presented in the 25th Ann. Symp. Reprod. Biol. Comp. Endocrinol., University of Kerala, Thiruvananthapuram, India, January 15-17, 2007. pp. 61.
13. **Rejitha, V.** and Peter, M.C.S. (2006). Physiological responses of freshwater-adapted and seawater-acclimated *Anabas testudineus* (Bloch) to acidic pH. Presented in the 18th Kerala Science Congress held at CESS, Akkulam, Thiruvananthapuram, January 29-31, 2006. pp. 520-522.
14. Peter, M.C.S. and **Rejitha, V.** (2006). Osmoregulatory, metabolic and thyroidal responses in air-breathing perch to alkaline pH. Presented in the 24th Ann. Symp.

Reprod. Biol. Comp. Endocrinol. Held at IIT Roorkee, Uttarakhand, India, February 14-16, 2006. pp. 28-29.

15. Peter, M.C.S., George, N., **Rejitha, V.** and Lekshmi, S. (2006). Responses of sodium pump activities to Fe^{3+} loading in perfused tissues of African catfish, *Clarias gariepinus*. Presented in the 24th Ann. Symp. Reprod. Biol. Comp. Endocrinol., IIT Roorkee, Uttarakhand, India, February 14-16, 2006. pp. 65.

Nature	Title	Institute
Research paper award – Oral	Nil	-
Research paper award – Poster	Nil	-

Awards, Honors, Recognitions, Patents

Nil

Memberships in Forums, Committees, Societies outside College

Organisation	Title	Since (Year)
Society for Integrative Biology	Member	2015-2018 (3 years)