

	Dr. Ruby Siwach
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	Department of Dairy Chemistry Lala Lajpat Rai University of Veterinary & Animal Sciences, Hisar-125004 (Haryana) India Mobile: +918059561333 E-mail: rubysiwach30@gmail.com
Educational Qualifications	2008 B.Sc. MDU, Rohtak 2010 M.Sc. (Food Technology), GJU S & T, Hisar 2014 Ph.D. (Dairy Chemistry), NDRI, Karnal
Employment Details	Assistant Professor May, 2016 –Till-to-date
Research Interests	Value addition in dairy products, New product development
Membership of scientific societies	Indian Dairy Association Dairy Technology Society of India Association of Food Scientists and Technologists (I).
Selected Publications	<ol style="list-style-type: none"> 1. Puneet Tokas, Jayanti Tokas, Ruby Siwach (2014). Women Empowerment: Rebuilding the Nation. National Conference on Role of Arya Samaj in Education. 2. Jyanti Tokas, Malik k., Ruby Siwach Sangwan (2014). Studies on Biochemical Composition of Mango Peel. Int. J. of Sci. Eng. And Comp. Tech. 4(1-2):26-28. 3. Anamika, Jyanti Tokas, H R Singal , Ruby Siwach Sangwan (2014). Biochemical analysis in cotton (Gossypium Hirsutum L.) Genotype Resistant and Susceptible to Sucking Pest Attack. Int. J. Of Sci. Eng. And Comp. Tech. 4(1-2): 64-67. 4. Sonam Naagar, Raman Seth, Ruby Siwach (2014). Effect of Docosahexaenoic acid on the physic-chemical properties of cow ghee. Ruminant Sci. 3(1): 109-116. 5. Ruby Siwach, Jayanti Tokas, Raman Seth (2015). Use of lycopene as a natural antioxidant in extending the shelf life of anhydrous cow milk fat. Food Chem.

Detailed List of Publications:

1. **Ruby** Siwach (2012). Pectin Methylsterase Inactivation in Mosambi Juice. *Journal of Life Science*, 4(2): 81-85.
2. **Ruby** Siwach and Manish Kumar (2012). Effect of Thermal Treatments on Pectin Methylsterase Inactivation in Mosambi Juice. *Annals of Biology*, 28(1): 12-15.
3. **Ruby** Siwach and Manish Kumar (2012). Comparative Study of Thermosonication and Thermal Treatments on Pectin Methylsterase Inactivation in Mosambi Juice. *Journal of Dairying, Foods and Home Science*, 31(4): 290-296.
4. Sikandra, **Ruby** Siwach Sangwan and Kavita (2013). Determinants of obesity in adolescent school children in Gurgaon city, Haryana. *Indian Journal of health and wellbeing*, 4(6):1371-1373.
5. Anju Manocha and **Ruby** Siwach Sangwan (2013). Dietary Intake Habits Among Adolescent Girls in North India. *Indian Journal of health and wellbeing*, 4(7):1441-1444.
6. Sikandra, **Ruby** Siwach Sangwan and Kavita (2013). Prevalence of obesity in school children. *Indian Journal of Health and wellbeing*, 4(8): 1492-1495.
7. Anju Manocha, **Ruby** Siwach Sangwan and Jalaj. (2013). "Building Self-confidence", In Saini S., (Ed.), *Positive Psychology: In the Light of Indian Tradition*, IAHRW, Hisar, pp-375-382.
8. Ved Jyoti Luhach, **Ruby** Siwach Sangwan and Sangeeta C. Sindhu (2013). Development and quality evaluation of value added pasta. *Annals of biology*.
9. Sikandra, Darshan Punia and **Ruby** (2013). Changing diet pattern in adolescents: a leading cause of obesity. *Annals of Agri Bio Research*.
10. Jayanti Tokas, Kamla Malik, **Ruby** Siwach Sangwan and S.S. Siwach. (2014). Biochemical evaluation of cotton genotypes to ascertain their basis for tolerance/susceptibility to CLCuD disease. *Annals of biology*.
11. Sikandra, **Ruby** Siwach, Vijay kumar. Prevalence of obesity among school going adolescent. (2014). National seminar on life skills education for youth and development.
12. Akanksha, Nishi Sethi and **Ruby** S. Sangwan. (2013). Effectiveness of Life Skills Trainings on Farm Women. National seminar on life skills education for youth and development.
13. Puneet Tokas, Jayanti Tokas, **Ruby** Siwach (2014). Women Empowerment: Rebuilding the Nation. National Conference on Role of Arya Samaj in Education.
14. Jyanti Tokas, Malik k., **Ruby** Siwach Sangwan (2014). Studies on Biochemical Composition of Mango Peel. *Int. J. of Sci. Eng. And Comp. Tech.* 4(1-2):26-28.
15. Anamika, Jyanti Tokas, H R Singal, **Ruby** Siwach Sangwan (2014). Biochemical analysis in cotton (*Gossypium Hirsutum* L.) Genotype Resistant and Susceptible to Sucking Pest Attack. *Int. J. Of Sci. Eng. And Comp. Tech.* 4(1-2): 64-67.
16. Sonam Naagar, Raman Seth, **Ruby** Siwach (2014). Effect of Docosahexaenoic acid on the physico-chemical properties of cow ghee. *Ruminant Sci.* 3(1): 109-116.
17. **Ruby** Siwach, Jayanti Tokas, Raman Seth (2015). Use of lycopene as a natural antioxidant in extending the shelf life of anhydrous cow milk fat. *Food Chem.*

Awards/Fellowship:

1. Awarded ICAR's **Senior Research Fellowship** 2011-12, in the field of Food Science and Technology, (**All India 1st Rank**).
2. B.Sc. **Gold medalist** (2005-08)
3. Awarded **college color** for distinction in academics in B.Sc.
4. Awarded **Best Poster** Certificate on M.Sc. research work at "National Seminar 2010" held at Indian Institute of Chemical Technology, Hyderabad