

CURRICULUM VITAE



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Position: Professor and Vice Chair, Pharmaceutical Sciences

Institution: University of Colorado Denver School of Pharmacy

Location: 12850 E. Montview Blvd, C238, Room V20-2118, Aurora, CO 80045, USA

Education: BS, MS, PhD: Lucknow University, Lucknow, India

Representative Careers:

1992-1998 Assistant Professor, Dept. Dermatology, and Oncology Division, CWRU, Cleveland, Ohio.

1998-2001 Scientist and Senior Scientist/Professor (2001), AMC Cancer Research Ctr., Denver, CO.

3/2001- Professor, Department of Pharmaceutical Sciences, School of Pharmacy, University of Colorado Health Sciences Center, Denver, CO.

Specialty & Present Interest: Cancer Chemoprevention by small molecule natural agents with focus on Skin, Prostate, Colon and Pancreatic Cancers

Representative papers (up to 5):

- a) Rajamanickam S, Velmurugan B, Kaur M, Singh R P, **Agarwal, R.** Chemoprevention of Intestinal tumorigenesis in APC min/+ mice by Silibinin. *Cancer Res.*, 70: 2368-2378, 2010. PMID: PMC2840193.
- b) Raina K, Agarwal C, Wadhwa R, Serkova NJ, **Agarwal R.** Energy Deprivation by Silibinin in Colorectal-Cancer Cells: A Double Edged Sword Targeting both Apoptotic and Autophagic Machineries. *Autophagy*, 9: 697-713, 2013. PMID: PMC3669180.

- c) Kumar S, Raina K, Agarwal C, **Agarwal R**. Silibinin Strongly Inhibits the Growth Kinetics of Colon Cancer Stem Cell-enriched Spheroids by Modulating Interleukin 4/6-mediated Survival Signals. *Oncotarget*, 5: 4972-4989, 2014. PMID: PMC4148115.
- d) Raina R, Kumar S, Dhar D, **Agarwal R**. Silibinin and colorectal cancer chemoprevention: a comprehensive review on mechanisms and efficacy. *J. Biomedical Research*, 30: 452-465, 2016. PMID: PMC5138577.