

Research Publications by IIMSAR, Haldia, Faculty Members [Year 2014-2019]

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78. Role of adenosine deaminase and insulin in Type 2 Diabetes Mellitus in Eastern India. *Journal of Medical Science & Clinical Research*.vol 5, issue 4, May2017.ISSN 2347-176x. **Ravela Malathi, Chandra Narayan Gupta, Anindita Banerjee, Pradip Kumar Agrawal, Vineet Kumar Khemka, Vijay Raghavan.**
79. Role of Pro-Inflammatory Cytokines and Vitamin D in Probable Alzheimer's Disease with Depression. *Aging and Disease*. Vol. 8 » Issue (3) : 267-276, May 2017. **Anindita Banerjee, Vineet Kumar Khemka, Debashree Roy , Aparajita Dhar , Tapan Kumar Sinha Roy, Atanu Biswas, Barun Mukhopadhyay, Sasanka Chakrabarti.**
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- a. **Amyloid beta peptide induced calcium influx and membrane depolarization are absent in aged rat brain synaptosomes.** Maitrayee Sinha, Anindita Banerjee, Aritri Bir, Priyanjalee Banerjee, Arindam Ghosh, Sasanka Chakrabarti. XXX Annual Conference of Indian Academy of Neurosciences and International Symposium on Translational Neuroscience: Unravelling Mysteries of Brain in Health and Disease (IAN 2012)
- b. **Effect of Insulin in the Accumulation of A-beta 42 in SHSY5Y cells: Implications in the Pathogenesis of Alzheimer's Disease.** Gargi Chatterjee, Anindita Banerjee, Maitrayee Sinha and Prof. Sasanka Chakrabarti. International Conference on Neurodegenerative and Neurodevelopmental Disorders: Translational Approach NEUROCON 13 held at IICB, Kolkata, Jan17-20
- c. **Dietary Antioxidant Supplementation Prevents Behavioral Changes and Altered Metabolism Of Amyloid Beta Peptide in Aged Rats: Implications in Alzheimer's Disease Pathogenesis and Therapy .** Maitrayee Sinha, Pritha Bhowmick, Anindita Banerjee, Gargi Chatterjee, Aritri Bir, Sasanka Chakrabarti. International Conference on Neurodegenerative and Neurodevelopmental Disorders: Translational Approach NEUROCON 13 held at IICB, Kolkata, Jan17-20
- d. **Insulin induced effects in the pathogenesis of Alzheimer's Disease: Involvement of Reactive Oxygen Species.** Anindita Banerjee, Gargi Chaterjee, Vinnek K khemka, Anirban Ganguly, Arindam Ghosh, Aritri Bir, Sasanka Chakrabarti. International symposium of the

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- f. **Role of Leptin Antagonist on Amyloid metabolism in Alzheimer's disease.** Vineet Khemka, Anirban Ganguly, **Anindita Banerjee**, Aritri Bir, Oishimaya Sen, Sasanka Chakrabarti.. NEUROCON 2015, Haldia, India
- g. **Role of vitamin D signaling in Sporadic Alzheimer's Disease: a clinico-experimental study.** **Anindita Banerjee** , *Vineet Kumar Khemka, Debashree Roy, Aparajita Dhar, Tapan Kumar Sinha Roy, Atanu Biswas, Sasanka Chakrabarti.* published in **Alzheimers & Dementia**. Alzheimers Association International Conference(AAIC) , held in Toronto, Canada, Aug 24-28.2016.
- h. **Role of Adipokines and Insulin in the Pathogenesis of Alzheimer's Disease: A Clinical-Experimental Study.** *Vineet Kumar Khemka, Anirban Ganguly, Anindita Banerjee , Atanu Biswas , Sasanka Chakrabarti.* published in **Alzheimers & Dementia** . Alzheimers Association International Conference,Aug 24-28, 2016, Toronto, Canada
- i. Role of Adipokines and Insulin in the Pathogenesis of Alzheimer's Disease: A Clinical-Experimental Study. Vineet Kumar Khemka, Anirban Ganguly, Anindita Banerjee , Atanu Biswas , Sasanka Chakrabarti. Alzheimers Association International Conference,Aug 24-28, 2016, Toronto, Canada.
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- q. Role of vitamin D signaling in Sporadic Alzheimer's Disease: a clinico-experimental study. Anindita Banerjee, **Vineet Kumar Khemka**, *Debashree Roy, Aparajita Dhar, Tapan Kumar Sinha Roy, Atanu Biswas, Sasanka Chakrabarti*. published in **Alzheimers & Dementia**. Alzheimers Association International Conference(AAIC) , held in Toronto, Canada, Aug 24-28.2016.
- r. Role of serum adiponectin and vitamin D in Prediabetes and Diabetes Mellitus. Canadian Journal of Diabetes 41(3):259-265, 2017 accepted 11th Oct, 16. Anindita Banerjee, **Vineet Kumar Khemka**, Debashree Roy, Jit Poddar, Tapan Kumar Sinha Roy, Srikanth Arliganur Karnam.