NAME OF THE DEPARTMENT: Pharmacology

NAME OF THE HOD: Dr. Noor Zahra

DEPARTMENTAL STAFF:
- Dr. Kshama Devi
- Dr. M. N. Inamdar
- Dr. Reema Razdan
- Mr. Syed Imam Rabbani
- Mr. Santosh Fathepur

DEPARTMENTAL ACHIEVEMENTS

DETAILS OF R & D ACTIVITIES

A. Dr. Kshama Devi


2) Insugen: Investigative immunogenencicity study following repeated subcutaneous administration for 28 days in Wistar rats. Biocon India Ltd (yet to be completed).


8) Evaluation of antistree adaptogenic activity of IHAS-2, Natural Remedies, Bangalore.

9) Screening of resveratrol for anticancer effects. Sami Chemicals and Extracts, Bangalore (July 2000).


11) Anticlastogenic evaluation of citral using mouse bone marrow test system. Juggat Pharma, Bangalore. (July 2000)

DETAILS OF GRANTS RECEIVED IN PAST THREE YEARS

Nil

RESEARCH CONDUCTED IN THE DEPARTMENT FOR PART THREE YEARS

A. Dr. Kshama Devi

1. Diabetic and Hypolipidemic activity
2. Cytogenetics and Genetic Toxicology
3. Nutrition
4. Behavioral Pharmacology studies in animals
5. Screening of drugs for different pharmacological activities

ONGOING RESEARCH PROJECTS: (only titles)

A. Dr. Noor Zahra – Not guiding M. Pharm or Ph. D students

B. Dr. Kshama Devi


10. To study the influence of stress on thermoxidation of vegetable oils on antioxidant enzymes and lipid profile in rats. *Niratkumar S. P.*, (M.Pharm, P’cology).


**C. Dr. M.N. Inamdar**

1. Evaluation of Ginsenosides, Andrographolide and POVRVP for their beneficial effects in diabetic related complications using diabetogenic and hyperinsulinemic animal models- Anilkumar M Dandu (Ph.d)

2. Experimental epidemiology of angiotensin receptors in relation to hypertension and the effect of angiotensin II antagonists on cardiac hemodynamics - Ghulam Moinuddin (Ph.d)
3. Cardiovascular evaluation of *Abutilon indicum* and *Sida cordifolia* - Amarnath KR (Ph.d).

4. Pharmacokinetic and Pharmacodynamic interactions of Garlic (*Allium sativum*) with diuretic, ACE inhibitor and β blocker. - Basheeruddin Asdaq SM (Ph.d)


6. Anti-atherosclerotic activity of Lemon grass and Black seed oils on rats - Santhosh Kumar V.R. (M.Pharm).

7. Evaluation of Anxiolytic, Sedative and Anticonvulsant Activity of a herbal preparation, SD-18 - Mohammed Jameel

8. Evaluation of Immuno-modulatory activity of IM-133, a herbal formulation - Syed Firasatullah (M.Pharm)


10. Phytochemical and pharmacological investigation of polar constit-uents from the aerial parts of *Chrozophora plicata* (Euphorbiaceae) - Kalpana Devi (M.Pharm).

**PAPERS PUBLISHED IN LAST THREE YEARS**

**A. Dr. Kshama Devi**


3. S. Khanam and D.Kshama, Antimutagenic activity of Aswagandha against lead nitrate: A genetic and non-genetic biomarkers’ evaluation, Pharmacog. Mag., 1, 2005


6. Site specific oral controlled release metformin tablets- development, in vitro, ex vivo and in vivo evaluation. DIFPHARMAZIE (Accepted).


17. Determination of tamoxifen and its metabolites in rat plasma by a sensitive simple isocratic HPLC method. Indian drugs (Accepted).
18. Development of launch strategy for a new herbal based preparation for Parkinsonism. IJPER (Accepted).
29. Determination of tamoxifen and its metabolites in rat plasma by a sensitive simple isocratic HPLC method. Indian drugs (Accepted).
30. Development of launch strategy for a new herbal based preparation for Parkinsonism. IJPER (Accepted).

B. Dr. M. N. Inamdar


C. Mr. Syed Imam Rabbani


**PRESENTATIONS IN LAST THREE YEARS**

**A. Dr. Noor Zahra**


B. Dr. Kshama Devi


C. Dr. M.N. Inamdar


**SEMINARS AND WORKSHOPS CONDUCTED IN LAST THREE YEARS**

- The department had conducted a workshop on ‘Counseling skill’. The workshop was conducted exclusively for the teachers of the Al-Ameen college of Pharmacy.

**LIST OF M. PHARM THESIS IN LAST THREE YEARS**

**A. Dr. Kshama Devi**


**B. Dr. M. N. Inamdar**


**LIST OF PH.D THESIS IN LAST THREE YEARS**

**A. Dr. Kshama Devi**

1. Antimutagenic effect of Ashwagandha: Genetic and non genetic biomarkers’ evaluation (Candidate: Salma Khanam)

2. Influence of intraintrain variation in emotionality on pharmacological response of drugs using Balb/c mice (Candidate: P. Venugopal Reddy)

**OTHER ACTIVITIES (IF ANY)**

1) All the staff members have participated in the counseling session conducted in the Al-Ameen College of pharmacy for two days.

2) Staff members of the department have participated in the workshop on ‘Art of scientific writing’ conducted by the American alumni association of Govt. college of Pharmacy, Bangalore.

3) Faculties of the department also take part in several committees constituted by the college like;

   a. Dr. Noor Zahra – Talents day and Co-curricular, Counseling, Library, Animal ethics, Ladies hostel, ISTE, APTI bulletin, NSS officer, Museum
b. Dr. Kshama Devi – Animal House, Sports, Animal ethics, Human ethics, R & D cell, Pharmacy practice bulletin, ICTA,
c. Dr. M. N. Inamdar – Industrial training, Chemical and equipments, Flying squad, R & D cell,
d. Mr. Syed Imam Rabbani – Sessional, Alumini of the college,
e. Mr. Santosh Fathepur – Placement, Animal house

A. Dr. M. N. Inamdar


3. Chairman and member, RGUHS LIC committee to inspect the Pharmacy colleges.

4. Expert Committee Member by AICTE to inspect the new Pharmacy colleges proposed.

5. Observer for conducting exams by RGUHS.

6. Chairman, Institutional Ethical Committee of Natural Remedies, Bangalore.

7. Attended Workshop for Inspectors of the PCI, New Delhi.

8. Approved PhD guide in Pharmacology by Rajiv Gandhi University of Health Sciences.

9. Member, Manipal Academy of Higher Education’s (MAHE) PhD Monitoring Committee of Natural Remedies, Bangalore.

10. Member, RGUHS Board of Studies in Pharmacy (UG)