



## Dr. Jamshed Ali Kazmi

Technical Director  
Roche Pakistan Limited, Karachi  
E60/1, Block-7  
Gulshan-e-Iqbal, Karachi.  
Tel. Res. 4964957

### **EDUCATION:**

Ph. D., Pharmaceutics  
University of British Columbia  
Vancouver, B.C., Canada, 1974

M.S. Pharmaceutics  
University of British Columbia  
Canada, 1971.

B. Pharm.  
University of Karachi  
Karachi, Pakistan, 1968

B.Sc. Chemistry, Zoology & Botany  
Agra University, Agra, India, 1964.

### **ACADEMIC DISTINCTIONS:**

1. Certificate of appreciation for developing the pharmaceutics programme, from Faculty of Pharmacy, University of Al-Faateh, Tripoli, Libya, 1980.
2. University of British Columbia Graduate Fellowship, 1972 to 1974.
3. Canadian Foundation for the Advancement of Pharmacy Graduate Study Fellowship, 1971.
4. M.S. (Pharmaceutics) – First Division.
5. B.Pharm. - First Division with second position in the class and distinction in Pharmaceutical & Medicinal Chemistry.
6. A part of my research work has been reported in the prominent books :
  - Surfactant System, their Chemistry, Pharmacy and Biology by Attwood & Florance, Chapman & Hall, 1983  
P. 238-239, 306-308, 449-450, 537-538.

- Techniques of Solubilization of Drugs by Yalkowsky, Dekker, 1981, p. 49-51
- Physicochemical Principles of Pharmacy by Florance & Attwood, Macmillan, 1981, p. 242
- Pharmaceutical Microbiology by Hugo & Russel, Blackwell Scientific Publications, U.K. 1977, p. 184
- The Theory and Practice of Industrial Pharmacy by Lachman et al., Lea and Fabiger, Philadelphia, 1976, p. 214 & 243

### **SPECIAL TRAINING:**

Post-Doctoral Training, Pharmacokinetics,  
Laboratory of Dr. Edward R. Garrett,  
Graduate Research Professor  
College of Pharmacy, University of Florida  
Gainesville, Florida, U.S.A.  
March 1976 to September 1976.

Post-Doctoral Training, Biopharmaceutics  
Laboratory of Dr. T.G. Vitti  
Professor of Biopharmaceutics  
Faculty of Pharmacy, University of Manitoba  
Winnipeg, Manitoba, Canada  
June 1974 to August 1975

Training in Pharmaceutical Manufacturing  
200 hours of practical training in  
Pharmaceutical Manufacturing  
Glaxo Laboratories (Pakistan) Limited  
Karachi, Pakistan 1967.

### **EXPERIENCE:**

May 03, 1999 to date

Responsibilities include :

- Pharmaceutical Production/Quality Assurance/Engineering/Warehousing.
- Health Safety & Environment
- Plant Management
- Member of the Management Committee of the Company.
- Report to Head of Pharma Manufacturing International, Basel , Switzerland and the local Managing Director.

January 01, 1997 to May 31, 1999

Head Technical Operations,  
Novartis Pharma (Pak) Ltd., Karachi.

Responsibilities included :

- Pharmaceutical Production/Quality Assurance/ Engineering/ Factory Management/Industrial Relations at the two production plants viz. ex. Ciba Plant, West Wharf, Karachi and ex. Sandoz Plant, Jamshoro, Dadu

- Health, Safety and Environment.
- Security & Emergency Management
- Materials Management/Warehousing
- Plan and administer annual expenses and capital budgets.
- Propose/Plan/Implement Investments
- Liaison with Basel/Local Authorities related to all Factory/Technical matters.
- Organize/Control Toll Manufacturing
- Provide Production Facilities/Technical Support to Generic Sector
- Provide Technical Support/Advice to Pharma Management (office projects etc.)
- Participate in making decisions regarding the major policy matters of the Company as member of the Management Committee of Pharma Sector.
- Reported to Head of Pharma Sector.

September 01, 1991 to December 31, 1996

- Plant Manager
- Ciba-Geigy (Pakistan) Ltd., Karachi.
- Responsibilities included more or less the same as above.
- Reported to Head of Parma Division.

February 01, 1989 to August 31, 1991

- Quality Assurance Manager
- Ciba-Geigy (Pakistan) Ltd., Karachi.

Responsibilities included planning, and administration of the total aspects of Quality Assurance System comprising of:

- Quality Control (physical, chemical & microbiological testings).
- Process Control
- Quality Surveillance and auditing
- Follow up stability testings.
- Quality planning and revisions.
- Analytical Methods Validation & Process Validation
- Quality aspects of environment inside the Plant and around.
- GMP & GLP
- Documentation
- Training
- Laboratory Management
- Regulatory affairs & liaison with Ciba-Geigy, Basel for all aspects related to the above and Q.A. Policy matters.
- Reported to Plant Manager.

March 25, 1987 to January 26, 1989

Production Manager

The Boots Company (Pakistan) Ltd., Karachi

Responsibilities included planning, coordination and control of production operations, GMP & Safety Compliance, Staff training, technology transfer, product development (generic products), to recommend investments in plant production that will reduce operative cost and improve product quality

Reported to Factory Manager.

November 15, 1983 to March 24, 1987

Production Manager

Searle (Pakistan) Limited, Karachi

Responsibilities included more or less the same as above.

Reported to Plant Manager.

April 1979 to August 1983

Assistant Professor  
Department of Pharmaceutics and Industrial Pharmacy  
Faculty of Pharmacy  
Al-Faateh University  
Tripoli, LIBYA.

September 1976 to April 1979

Lecturer

Institution same as above.

In the above two positions I have taught the following courses : Physical Chemistry, Physical Pharmaceutics, Biopharmaceutics, Pharmacokinetics, dosage forms, Pharmacy practice, and a graduate level course in chemical stability of pharmaceuticals and expiry dating.

December 1977 to December 1981

Chairman, Department of Pharmaceutics and Industrial Pharmacy, Faculty of Pharmacy, Al-Faateh University , Tripoli, Libya,  
Responsibilities included curriculum planning, assigning duties / functions to staff, purchase of materials, and inviting visiting professors for special lectures and seminars. Moreover, as a member of Faculty Council I participated in making decisions regarding the academic and administrative matters of the Faculty.

September 1970 to August 1973

Graduate Teaching Assistant  
Faculty of Pharmaceutical Sciences  
University of British Columbia,  
Vancouver, B.C. Canada.  
Responsibilities included supervision of third year Pharmaceutics laboratory.

January 1968 to June 1968

Central Drugs Laboratory  
Government of Pakistan, Karachi.  
Worked with a committee assigned with the compilation and scrutiny of Pakistan Pharmacopoeia.

### **INVESTMENT PROJECTS:**

I have been responsible for the planning and administration of the following projects:

1998

Utilities Servies at the Pharma Plant Jamshoro,  
Novartis Pharma (Pakistan) Ltd.

The project involved the following :

- Construction of a new building (6700 sqft) for housing utility installations and workshops.
- Organizing new 1500 KW electrical connection from WAPDA.
- Organizing new industrial gas connection from SSGC.
- Procurement, installation and commissioning of new utility equipments such as 2x720 KVA Gen. Sets. 2x6 Tons Boilers, 1x320 tons absorption Chiller, Cooling tower, electrical sub station for 1500 KW power connection etc.
- Relocation, installation, overhauling and commissioning of existing utility equipments in the new building viz. 2xabsorption chillers, compressors, D.I. Water Plant etc.

The above project will be completed by end November 1998. The estimated cost of the project is about Rs. 90 Mio.

1997

Refurbishment of offices of Novartis Pharma (Pak) Ltd. at Bahria Complex, Karachi. (about 22000 Sqft.).

1994

Semi Solids Production Facility, Pharma Plant, Ciba-Geigy (Pakistan) Ltd., Karachi.

- The project involved the construction of an ex proof production facility and procurement, installation and commissioning of manufacturing and packaging equipments.

1993

Total refurbishment of Pharma Plant, Ciba-Geigy (Pakistan) Ltd., Karachi.

The project involved the following :

- Remodelling of the site as per new plan. This involved extensive civil work.
- Total replacement of utility installations which included HVAC, Dust collection, electrical work, Gen. Sets etc.
- Replacement of D.I. Water Plant and ring main
- Replacement of major production equipments.

The whole project was completed in 6 months time.

1986

Relocation of Plant/Machines from old Pharma factory (closure of the site) to new Pharma Factory, Searle Pakistan Pvt. Ltd., Karachi.

The project involved the following :

- Removal of machines from the old site and transportation to a private workshop.
- Complete overhauling of the machines
- Transportation of the machines from workshop to the new site.
- Installation and commissioning of the machines

## **PUBLICATIONS:**

### A) THESES

- |              |   |  |
|--------------|---|--|
| M.S. Thesis  | - | “Preservative Distribution in Emulsions”<br><br>Supervisor : Dr. A.G. Mitchell, Professor of<br>Pharmaceutics, Faculty of Pharmaceutical<br>Science, University of British Columbia, Vancouver, B.C.<br>Canada 1971. |
| Ph. D Thesis | - | “Distribution and Antimicrobial Activity of<br>Preservatives in Solubilized and Emulsified<br>Systems”, 1974..<br><br>Supervisor : Dr. A.G. Mitchell   |

B) RESEARCH ARTICLES

1. S.J.A. Kazmi and A.G. Mitchell (1971)  
“Interaction of preservatives with cetomacrogol”,  
J. Pharm, Pharmacol., 23 482
2. S.J.A. Kazmi and A.G. Mitchell (1971)  
“A dialysis method for determination of preservative distribution in emulsions”,  
Eighteenth Canadian Conference on Pharmaceutical Research, Winnipeg,  
Manitoba, Canada.
3. S.J.A. Kazmi and A.G. Mitchell (1971)  
“Dialysis method for determination of preservative distribution in emulsions”,  
J. Pharm. Sci., 60, 1422
4. S.J.A. Kazmi and A.G. Mitchell (1972)  
“Inactivation of Preservatives”, Soap Perf. Cosmet., 45, 554
5. S.J.A. Kazmi and A.G. Mitchell (1973)  
“Cellophane as a dialysis membrane for studying non-ionic surfactants”,  
J. Pharm. Sci., 62, 1229
6. S.J.A. Kazmi and A.G. Mitchell (1974)  
“Interaction of preservative mixtures with cetomacrogol”  
Twenty First Canadian Conference on Pharmaceutical Research,  
Ottawa, Ontario, Canada.
7. S.J.A. Kazmi and A.G. Mitchell (1974)  
“Interaction of chlorocresol with mixtures of some nonionic surfactants”,  
Twenty First Canadian Conference on Pharmaceutical Research,  
Ottawa, Ontario, Canada.
8. S.J.A. Kazmi and A.G. Mitchell (1974)  
“Distribution and antimicrobial activity of chlorocresol in aqueous solutions of  
cetomacrogol and liquid paraffin emulsions”.  
Twenty First Canadian Conference on Pharmaceutical Research,  
Ottawa, Ontario, Canada.
9. S.J.A. Kazmi and A.G. Mitchell (1975)  
“Preservative availability in emulsified system”,  
Canad, J. Pharm. Sci., 10 67
10. S.J.A. Kazmi and A.G. Mitchell (1976)  
“The interaction of preservative and nonionic surfactant mixtures”,  
Canad. J. Pharm Sci., 11 10

11. S.J.A. Kazmi and A.G. Mitchell (1977)  
“Chemical preservation of emulsified and solubilized dispersed system”,  
Cosmetic and Toilttries, 92 33
12. S.J.A. Kazmi and A.G. Mitchell (1978)  
“The preservation of solubilized and emulsified system, Part 1 :  
correlation of mathematically predicated preservative availability with  
antimicrobial activity”, J. Pharm, Sci., 67, 1260
13. S.J.A. Kazmi and A.G. Mitchell (1978)  
“The preservation of solubilized and emulsified system, Part II :  
Theoretical development of capacity and its role in the antimicrobial activity of  
chlorocresol in cetomacrogol stablized systems”, J. Pharm. 67, 1266

**PERSONAL:**

Muslim, Born July 8, 1946

Married

Nationality : Pakistani & Canadian