

CURRICULUM VITAE

Personal:

Name: **Dr. Abdul Raziq Abdul Hamid Abdul Latif Alssissi**
Father Name: Mr. Abdul Hamid Abdul Latif Alssissi
Date of birth: Oct 1st, 1961, Dongola, Sudan
Occupation: Assistant Professor
Nationality: Sudanese
Marital Status: Married & Father
Present Address: Sudan University of Science and Technology
College of Education, Chemistry Department,
Almugran-Khartoum, Sudan
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Academic Qualifications:

Degree	University	Year	Subjects	Division
B.SC	Poona University, Pune, India	1986	Chemistry, Zoology_& Botany	II nd , I st group
M.SC	Aligarh Muslim University, Aligarh, India	1990	Chemistry	I st .
M.Phil*	Aligarh Muslim University, Aligarh, India	1993	Chemistry	Awarded
Ph.D**	Aligarh Muslim University, Aligarh, India	1998	Chemistry	Awarded

* Title of the Dissertation: Physico-Chemical Studies of Biochemical Systems.

** Title of the Thesis: Physico-Chemical Studies of Biochemical Systems.

Postdoctoral Research Experience:

1. Worked as research associate of the University Grants Commission (UGC), New Delhi, India, with **Professor Faizan Ahmad**. Protein Research lab, Department of Biosciences, Jamia Millia Islamia, Jamia Nagar, New Delhi-110025, India.

Period of Research: From April 1, 2001- October 30, 2003.

Topic of Postdoctoral Research: "Physico-Chemical Studies of Protein Folding"

2. Worked as JSPS-Post-Doctoral Fellow "*Japan Society for the Promotion of Science*"

with **Professor Kazuyuki Akasaka**. Department of Biotechnological Science, Faculty of Biology-Oriented Science and Technology, Kinki University, 930 Nishimitani, Uchita-cho, Wakayama 649-6493, Japan.

Period of Research: From November 2, 2003 – November 1, 2005.

Topic of Research: "Physico-Chemical Studies of Protein Folding on Pressure Axis"

Working Experience:

1. Working as Assistant Professor of the *Sudan University of Science and Technology, College of Education, Chemistry Department, Almugran-Khartoum, Sudan*

Period of Work: From October 4, 2006 – Till now.

2. Working as Assistant Professor (*cooperator*) of the *Omdurman Islamic University, College of Science and Technology, Chemistry Department, Omdurman, Sudan*

Period of Work: From August 1, 2006 – Till now.

Academic Activities:

- I have done training course in Staff Academic Development Center, at Khartoum University from September 14, 2007- October 13, 2007.
- I have participated in a work-shop in "*Instrumentations and Lap Equipments*": organized by Sudan University of Science and Technology.

Techniques Known:

Versed in various techniques including Ultrasonic Velocity of Single and Multi-Crystal Interferometer (UV-SMCI), UV/Vis spectroscopy, Circular Dichorism (CD), High Pressure Fluorescence Technique (HPFT), Atomic Force Microscope (AFM).

Scientific Interests:

Protein misfolding and aggregation, Thermodynamic, kinetic and molecular basis of amyloidogenesis and “conformational diseases”: the prion-associated Creutzfeldt-Jakob Disease, Alzheimer Disease etc., - Protein solvation phenomena, - Protein structure under high pressure, Medicinal biochemistry and other aspects of disease control. I am flexible about my approach in learning and using various techniques of protein chemistry and Molecular biology.

Research Goals if any:

I have two goals for further research. First, I hope to gain growing independence in the planning and conduct of experiments; experience in the critical analysis and interpretation of data; and experience in oral presentation of my results in informal and international meetings. Second, I hope to obtain advanced training in thermodynamics as well as kinetics of protein folding using biophysical techniques, because the mechanism of protein folding mainly depends on these two fundamental problems to understand the stability of the folded state and the pathway of folding.

References:

Prof. Faizan Ahmad
Protein Research Lab.
Department of Biosciences,
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Physical Research lab.
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India.
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Prof. Kazuyuki Akasaka

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Publications:

In referred journals:

1. Waris, B.N., B. Bano and **Abdul Raziq A.H** “Flexibility and viscometric studies of globular proteins ovalbumin and ovotransferrin” *Indian Journal of Biochemistry and Biophysics*. 2003, 40 (98- 107),
2. Waris, B.N., and **Abdul Raziq A.H** and Nupur Sarivastava” Viscometry and Ultrasonic velocity of Food protein”. *Chemical and Environmental Res.* 1996, 5 (1-4),.
3. **Abdul Raziq Abdul Latif**, Ryohei Kono, Hideki Tachibana, and Kazuyuki Akasaka . "Analysis of Amyloid Protofibril Dissociation and Volumetric Properties of the Transition State". *Biophysical Journal January 2007, Volume 92, 323–329*
4. Kazuyuki Akasaka, **Abdul Raziq Abdul Latif**, Akihiro Nakamura, Koichi Matsuo, Hideki Tachibana,| and Kunihiko Gekko, "Amyloid Protofibril is Highly Voluminous and Compressible", *Biochemistry*, 2007, Volume 46, Issue (37), p 10444–10450
5. Hideki Tachibana, Kunihiko Gekko, Akihiro Nakamura, Koichi Matsuo, **Abdul Raziq Abdul Latif**, Mariko Araga, Ryohei Kono, and Kazuyuki Akasaka. " Volume and Compressibility of Amyloid Fibrils', *Japanese Research Group of High Pressure Bioscience and Biotechnology*, 2008, Volume 2 No. 1, PP. 15-23.

In conferences (Abstracts):

1. Waris, B.N., and **Abdul Raziq A.H.** “ **A.M.U. Platinum First International Conference on Molecular Association**” Aligarh Muslim University, Aligarh India, Supplement Page No. 40, March 18-20, 1996
2. Waris, B.N., and **Abdul Raziq A.H.** “**An International Symposium on the present and future of Major Aspects of modern Biology**” at NCBS, Bagalore; India, Supplement page No. 19, Oct 14 -18, 1996.
3. Waris, B.N., Bano, B. and **Abdul Raziq A.H.** **International Conference on Chemical and Biological Thermodynamics**, “Guru Nanak Dev University, Amritsar, India, 140035, P-7, Jan. 5-8,(1997).
4. **A. Abdul Latif**, H. Tachibana and K. Akasaka. Dissociation Process of Amyloid-like fibrils studied by high hydrostatic pressure fluorescence techniques. Biophysics conference, Supplement 1, S44, December (2004). **Biophysical Society of Japan, International Conference Hall, Kyoto, Japan.**
5. **Abdul Raziq Abdul Latif**, Hideki Tachibana and Kazuyuki Akasaka. March (2005). Transition State for the Dissociation of Amyloid protofibrils. **The 2nd Open Workshop “ Chemistry of Biological Processes Created by Water and Biomolecules”**, Supplement page no. 194, (P152), Kunihiko Kuwajima (Univ. of Tokyo), Kokuyo Hall, Tokyo, Japan.

البيانات الشخصية

الاسم: د. عبدالرازق عبدالحميد عبداللطيف السيسى
تاريخ الميلاد: 1961/10/1, مدينة دنقلا, السودان
المهنة: استاذ مساعد, قسم الكيمياء, كلية التربية, جامعة السودان للعلوم و التكنولوجيا
الجنسية: سودانى
الحالة الاجتماعية: متزوج و أب
العنوان: جامعة السودان للعلوم و التكنولوجيا
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المؤهلات العلمية

الدرجة العلمية	الجامعة	سنة التخرج	مواد التخصص	الدرجة المتحصلة
بكلوريوس علوم	جامعة بونا, الهند	1986	كيمياء, علم حيوان, علم نبات	الرتبة الثانية- الدرجة الاولى
ماجستير علوم	جامعة عليقار الاسلامية, الهند	1990	كيمياء	الرتبة الاولى
ماجستير فلسفة مادة الكيمياء	جامعة عليقار الاسلامية, الهند	1993	كيمياء	منحت
الدكتوراه	جامعة عليقار الاسلامية, الهند	1998	كيمياء	منحت

موضوع دراسة الماجستير: دراسة فيزيو-كيميائية لأنظمة الكيمياء الحيوية.

موضوع دراسة الدكتوراه: دراسة فيزيو-كيميائية لأنظمة الكيمياء الحيوية.

خبرة ابحاث دراسات فوق الدكتوراة:

- عملت كباحث مشارك فى جامعة مليا لاسلامية بدلهى الجديدة بمنحة مقدمة من هيئة الجامعات الهندية فى معامل ابحاث البروتينات مع بروفيسور/ فيضان أحمد منذ 2001/4/1 حتى 2003/10/30
- عملت كباحث زمالة فى جامعة كنى بمدينة واكياما - اليابان بقسم علوم التقنية الاحيائية بمنحة مقدمة من الجمعية اليابانية لتنمية العلوم فى معمل بروفيسور/ كايزيوكى اكاساكا منذ 2003/11/2 - 2005/11/1

خبرة عملية:

- أعمل كاستاذ مساعد بقسم الكيمياء لتدريس افرع مادة الكيمياء الفيزيائية بكلية التربية جامعة السودان للعلوم و التكنولوجيا منذ 2006/10/4 حتى الآن.
- أعمل كاستاذ مساعد(متعاون) بقسم الكيمياء لتدريس افرع مادة الكيمياء الفيزيائية بكلية العلوم و التقانة جامعة ادمرمان الاسلامية منذ 2006/8/1 حتى الآن.

نشاطات اكااديمية:

- عملت دورة تدريبيه بمركز ترقية الاداء الاكاديمى جامعة الخرطوم, فى الفترة 2007/9/06- 2007/10/09
 - شاركت فى ورشة عمل عن الاجهزة و المعدات المختبرية نظمتها جامعة السودان للعلوم و التكنولوجيا
- قائمة الابحاث العلمية المنشورة فى المجالات المحكمة بالاضافة الى قائمة الابحاث العلمية فى المؤتمرات مرقة اعلا باللغة الانجليزية.