

## **Curriculum Vitae**

<b><u>Personal Information</u></b>	Name	<b>Dr. Asmaa Mostafa Ahmed Bayoumi</b>
	Date of Birth	<b>20-November-1982</b>
	Gender	<b>Female</b>
	Marital Status	<b>Married</b>
	Nationality	<b>Egyptian</b>
	Current Position	<b>Associate Professor, Department of Biochemistry, Faculty of Pharmacy, Minia University, Egypt</b>
	E-mail	<b>asmaa_bayoumi@mu.edu.eg</b>
	Phone	<b>+2-010-2206-2259</b>
<b><u>Academic Qualifications</u></b>	<ul style="list-style-type: none"> <li>• Mar 2011: <b>Ph.D. in Molecular Biology and Pharmaceutical Sciences (Biochemistry &amp; Molecular Biology), Graduate School of Pharmaceutical Sciences, Kyushu University, Japan.</b> <b>Ph.D. Thesis Title:</b> “CysB, a LysR-type transcriptional regulator, interacts specifically with DARs, genomic sequences of <i>E. coli</i> that promote replication initiation”.</li> <li>• Dec 2007: <b>M.Sc. in Pharmaceutical Sciences (Biochemistry), Faculty of Pharmacy, Minia University, Egypt.</b> <b>M.Sc. Thesis Title:</b> “Role of <math>\beta</math>-Hydroxy-<math>\gamma</math>-Trimethyl ammonium Butyrate and Ubiquinone in Combating the Deteriorative Effect Induced by CCl<sub>4</sub> in Rat’s Liver”.</li> <li>• May 2004: <b>B.Sc. in Pharmaceutical Sciences, Faculty of Pharmacy, Minia University, Egypt.</b> <b>B.Sc. Grade: Excellent with honors degree (92.04%).</b></li> </ul>	
<b><u>Academic Positions</u></b>	<ul style="list-style-type: none"> <li>• Nov 2019 - Present: <b>Associate Professor, Department of Biochemistry, Faculty of Pharmacy, Minia University, Egypt.</b></li> <li>• Aug 2011 – Oct 2019: <b>Assistant Professor, Department of Biochemistry, Faculty of Pharmacy, Minia University, Egypt.</b></li> <li>• Jan 2008 - Jul 2011: <b>Assistant Lecturer, Department of Biochemistry, Faculty of Pharmacy, Minia University, Egypt.</b></li> <li>• Oct 2004 - Dec 2007: <b>Demonstrator, Department of Biochemistry, Faculty of Pharmacy, Minia University, Egypt.</b></li> </ul>	

**Publication  
List**

1. **Dose-Dependent Cardioprotective Effect of Hemin in Doxorubicin-Induced Cardiotoxicity Via Nrf-2/HO-1 and TLR-5/NF- $\kappa$ B/TNF- $\alpha$  Signaling Pathways.** Refaie MMM, Shehata S, Ibrahim RA, Bayoumi AMA, Abdel-Gaber SA. *Cardiovasc Toxicol.* **2021** Dec. **21**(12): 1033-1044. doi: 10.1007/s12012-021-09694-7.
2. **Molecular mechanisms underlying the effect of diacerein on trichloroacetic acid-induced hepatic pre-neoplastic lesions in rats.** Ibrahim YF, Refaie MM, Kamel MY, Ahmed SM, Moussa RA, Bayoumi AMA, Ibrahim MA. *Hum Exp Toxicol.* **2021** Dec. **40**(12\_suppl): S788-S803. doi: 10.1177/09603271211056331.
3. **Canagliflozin, an SGLT-2 inhibitor, ameliorates acetic acid-induced colitis in rats through targeting glucose metabolism and inhibiting NOX2.** Morsy MA, Khalaf HM, Rifaai RA, Bayoumi AMA, Khalifa EMMA, Ibrahim YF. *Biomed Pharmacother.* **2021** Sep. **141**: 111902. doi: 10.1016/j.biopha.2021.111902.
4. **The IL-6/STAT Signaling Pathway and PPAR $\alpha$  Are Involved in Mediating the Dose-Dependent Cardioprotective Effects of Fenofibrate in 5-Fluorouracil-Induced Cardiotoxicity.** Refaie MMM, Shehata S, Bayoumi AMA, El-Tahawy NFG, Abdelzaher WY. *Cardiovasc Drugs Ther.* **2021** Jun. doi :10.1007/s10557-021-07214-x.
5. **Dabigatran mitigates cisplatin-mediated nephrotoxicity through down regulation of thrombin pathway.** Ewees MGE, Abdel-Bakky MS, Bayoumi AMA, Abo-Saif AA, Altowayan WM, Alharbi KS, Messiha BAS. *J Adv Res.* **2021** Jan. **31**: 127-136. doi: 10.1016/j.jare.2020.12.014.
6. **Ameliorative effect of 2-methoxyestradiol on radiation-induced lung injury.** Elzayat MA, Bayoumi AMA, Abdel-Bakky MS, et al. *Life Sci.* **2020** Aug; **255**: 117743. doi: 10.1016/j.lfs.2020.117743.
7. **Resveratrol reduces gentamicin-induced EMT in the kidney via inhibition of reactive oxygen species and involving TGF- $\beta$ /Smad pathway.** Beshay ON, Ewees MG, Abdel-Bakky MS, Hafez SMNA, Abdelrehim AB, Bayoumi AMA. *Life Sci.* **2020** Jul; 118178. doi: 10.1016/j.lfs.2020.118178.
8. **Protective effect of febuxostat in sepsis-induced liver and kidney injuries after cecal ligation and puncture with the impact of xanthine oxidase, interleukin 1 $\beta$ , and c-Jun N-terminal kinases.** Ibrahim YF, Fadl RR, Ibrahim S, Gayyed MF, Bayoumi AMA, Refaie M. *Hum Exp Toxicol.* **2020** Jul; **39**(7): 906-919. doi: 10.1177/0960327120905957.
9. **Role of nitric oxide donor in methotrexate-induced testicular injury via modulation of pro-inflammatory mediators, eNOS and P-glycoprotein.** Abdelzaher WY, Khalaf HM, El-Hussieny M, Bayoumi AMA, Shehata S, Refaie M. *Hum Exp Toxicol.* **2020** Jul; doi: 10.1177/0960327120940361.
10. **Cardioprotective effect of hemin in isoprenaline-induced myocardial infarction: role of ATP-sensitive potassium channel and endothelial nitric oxide synthase.** Refaie MMM, Rifaai RA, Bayoumi AMA, Shehata S. *Fundam Clin Pharmacol.* **2020** Jun; **34**(3): 302-312. doi: 10.1111/fcp.12529.
11. **Tocilizumab attenuates acute lung and kidney injuries and improves survival in a rat model of sepsis via down-regulation of NF- $\kappa$ B/JNK: a possible role of P-glycoprotein.** Ibrahim YF, Moussa RA, Bayoumi AMA, Ahmed AF. *Inflammopharmacology.* **2020** Feb; **28** (1): 215-30. doi: 10.1007/s10787-019-00628-y.

	<ol style="list-style-type: none"> <li>12. <b>Amelioration of Sepsis-Induced Liver and Lung Injury by a Superoxide Dismutase Mimetic; Role of TNF-<math>\alpha</math> and Caspase-3.</b> Ahmed AF, <a href="#">Bayoumi AMA</a>, Eltahir HM, Abdel Hafez SMN, Abouzied MM. <i>JABPS</i>. <b>2020</b> Jan; <b>3</b> (1): 31-39. doi: 10.21608/jabps.2019.19876.1061.</li> <li>13. <b>Natural polyphenols target the TGF-<math>\beta</math>/caspase-3 signaling pathway in CCl<sub>4</sub>-induced liver fibrosis in rats.</b> Abu-Baih RH, <a href="#">Bayoumi AMA</a>, Ibrahim ARN, Ewees MG, Abdelraheim SR. <i>JABPS</i>. <b>2019</b> Oct; <b>2</b> (4): 129-134. doi: 10.21608/jabps.2019.13319.1049.</li> <li>14. <b>Tempol, a superoxide dismutase mimetic agent, reduces cisplatin-induced nephrotoxicity in rats.</b> Ewees MG, Messiha BAS, Abdel-Bakky MS, <a href="#">Bayoumi AMA</a>, Abo-Saif AA. <i>Drug Chem Toxicol</i>. <b>2019</b> Sep; <b>42</b> (6): 657-664. doi: 10.1080/01480545.2018.1485688.</li> <li>15. <b>Impact of renal ischemia/reperfusion injury on the rat Kupffer cell as a remote cell: A biochemical, histological, immunohistochemical, and electron microscopic study.</b> Abdel Hafez SMN, Rifaai RA, <a href="#">Bayoumi AMA</a>. <i>Acta Histochem</i>. <b>2019</b> Jul; <b>121</b> (5): 575-583. doi: 10.1016/j.acthis.2019.04.008.</li> <li>16. <b>Role of ATP-sensitive potassium channel (K<sub>ATP</sub>) and eNOS in mediating the protective effect of nicorandil in cyclophosphamide induced cardiotoxicity.</b> Refaie MMM, Shehata S, El-Hussieny M, Abdelraheem WM, <a href="#">Bayoumi AMA</a>. <i>Cardiovascular Toxicology</i>. <b>2019</b> Jun 22. doi: 10.1007/s12012-019-09535-8.</li> <li>17. <b>Mechanisms mediating the cardioprotective effect of carvedilol in cadmium induced cardiotoxicity. Role of eNOS and HO1/Nrf2 pathway.</b> Refaie MMM, El-Hussieny M, <a href="#">Bayoumi AMA</a>, Shehata S. <i>Environ Toxicol Pharmacol</i>. <b>2019</b> May; <b>70</b>: 103198. doi: 10.1016/j.etap.2019.103198.</li> <li>18. <b>Interference with Coagulation Cascade as a Novel Approach to Counteract Cisplatin-Induced Acute Tubular Necrosis; an Experimental Study in Rats.</b> Ewees MG, Messiha BAS, Abo-Saif AA, <a href="#">Bayoumi AMA</a>, Abdel-Bakky MS. <i>Front Pharmacol</i>. <b>2018</b> Oct; <b>9</b>: 1155. doi: 10.3389/fphar.2018.01155.</li> <li>19. <b>Evaluating The Role of Curcumin and CoQ10 in CCl<sub>4</sub> – induced Liver Fibrosis.</b> Abu-Baih DHMA, <a href="#">Bayoumi AMA</a>, Okasha AMM. <i>MJMR</i>. <b>2018</b> Jan; <b>29</b> (1): 111-114.</li> <li>20. <b>Curcumin ameliorates CCl<sub>4</sub>-induced liver injury in a rat model; a deeper insight into the mechanism of action.</b> <a href="#">Bayoumi AMA</a>. <i>MJMR</i>. <b>2017</b> Mar; <b>28</b> (3): 154-158.</li> <li>21. <b>Protective effect of L-carnitine and coenzyme Q<sub>10</sub> on CCl<sub>4</sub>-induced liver injury in rats.</b> Ali SA, Faddah L, Abdel-Baky A, <a href="#">Bayoumi AMA</a>. <i>Sci Pharm</i>. <b>2010</b> Aug; <b>78</b> (4): 881-896.</li> </ol>
<p><b><u>Published Books</u></b></p>	<ul style="list-style-type: none"> <li>• <b>L-carnitine and CoQ<sub>10</sub> role in combating deteriorative effect of CCl<sub>4</sub>: <math>\beta</math>-Hydroxy-<math>\gamma</math>-Trimethylammonium Butyrate and Ubiquinone in combating the deteriorative effect induced by CCl<sub>4</sub> in rat.</b> Sanaa Ahmed Ali, Lilla M. Faddah, <a href="#">Asmaa Bayoumi</a>. <b>2012</b> Jul 11. <ul style="list-style-type: none"> <li>– <b>Paperback:</b> 260 pages</li> <li>– <b>Publisher:</b> LAP LAMBERT Academic Publishing (July 11, 2012)</li> <li>– <b>Language:</b> English</li> <li>– <b>ISBN-10:</b> 3659165514</li> </ul> </li> </ul>

	<ul style="list-style-type: none"> <li>– <b>ISBN-13:</b> 978-3659165511</li> <li>– <b>Product Dimensions:</b> 5.9 x 0.6 x 8.7 inches</li> </ul> <p><a href="https://www.amazon.com/L-carnitine-combating-deteriorative-effect-%CE%B2-Hydroxy-%CE%B3-Trimethylammonium/dp/3659165514">https://www.amazon.com/L-carnitine-combating-deteriorative-effect-%CE%B2-Hydroxy-%CE%B3-Trimethylammonium/dp/3659165514</a></p>
<b><u>Activities</u></b>	<ul style="list-style-type: none"> <li>• Sep 2018 - Present: <b>Director of Molecular Biology Unit, Faculty of Pharmacy, Minia University.</b></li> <li>• Dec 2009 - Present: <b>Member at the Molecular Biology Society of Japan (MBSJ).</b></li> </ul>
<b><u>Presentations at International Scientific Conferences</u></b>	<ul style="list-style-type: none"> <li>• <b>Natural polyphenols reduce carbon tetrachloride induced liver fibrosis.</b> <u>Asmaa M.A. Bayoumi</u>, Rania H. Abu-Baih. <i>The 1<sup>st</sup> African Health Summit, Cairo, Egypt, Jan 29 - Feb 1, 2019.</i></li> <li>• <b>Tempol: An Effective Prophylactic and Therapeutic Agent in a Murine Model of Septic Shock.</b> <u>Asmaa M.A. Bayoumi</u>, Al-Shaimaa F. Ahmed, Mekky M. Abouzied. <i>The 6<sup>th</sup> International Conference of The Arab Society for Medical Research, Luxor, Egypt, Feb 20-24, 2018.</i></li> <li>• <b>Identification of DARS regulators in <i>E. coli</i>.</b> <u>Asmaa Bayoumi</u>, Kazuyuki Fujimitsu, Shogo Ozaki, Kazutoshi Kasho and Tsutomu Katayama. <i>The 7<sup>th</sup> 3R Symposium, Toyama, Japan, Oct 27-31, 2010.</i></li> <li>• <b>CysB protein binds specifically to DARS2, a genomic sequence of <i>E.coli</i> that promotes replicational initiation by directly reactivating ADP-DnaA.</b> <u>Asmaa Bayoumi</u>, Kazuyuki Fujimitsu and Tsutomu Katayama. <i>The 32<sup>nd</sup> Annual Meeting of the Molecular Biology Society, MBSJ2009, Yokohama, Japan, Dec 9-12, 2009.</i></li> <li>• <b>Role of <math>\beta</math>-hydroxy-<math>\gamma</math>-trimethylammonium butyrate and ubiquinone in combating the deteriorative effect induced by CCl<sub>4</sub> in rat's liver.</b> <u>Asmaa M. Bayoumi</u>, Atef E. Abd El-Baky, Sanaa A. Ali and Laila M. Faddah. <i>Egypt-Japan International Symposium on Science and Technology, EJISST2008, Tokyo, Japan, Jun 8-10, 2008</i>, page 74.</li> </ul>
<b><u>Fellowships &amp; Scholarships</u></b>	<ul style="list-style-type: none"> <li>• Feb 2015 - Sep 2015: <b>Postdoctoral Fellowship (Granted from The Egyptian Government, Ministry of Higher Education)</b> for Scientific Research at the Department of Chemo-Pharmaceutical Sciences, Division of Molecular Bioinformatics, Graduate School of Pharmaceutical Sciences, <b>Kyushu University, Japan.</b></li> <li>• Apr 2010 - Mar 2011: <b>Fuchi-Gami student scholarship of Japan.</b></li> <li>• Apr 2009 - Mar 2010: <b>JASSO student scholarship of Japan.</b></li> <li>• Apr 2008 - Mar 2009: <b>JASSO student scholarship of Japan.</b></li> </ul>

<p><b><u>Teaching Responsibilities</u></b></p>	<ul style="list-style-type: none"> <li>• <b>"Biochemistry-1</b> course for 4<sup>th</sup> semester Clinical Pharmacy students", Department of Biochemistry, Faculty of Pharmacy, Minia University, Egypt.</li> <li>• <b>"Biochemistry-2</b> course for 5<sup>th</sup> semester Clinical Pharmacy students", Department of Biochemistry, Faculty of Pharmacy, Minia University, Egypt.</li> <li>• <b>"Clinical Nutrition</b> course for 9<sup>th</sup> semester Clinical Pharmacy students", Department of Biochemistry, Faculty of Pharmacy, Minia University, Egypt.</li> <li>• <b>"Molecular Biology &amp; Biochemistry</b> course for 3<sup>rd</sup> year Pharmacy students", Department of Biochemistry, Faculty of Pharmacy, Minia University, Egypt.</li> <li>• <b>"Practical Biochemistry</b> course for 3<sup>rd</sup> year Pharmacy students", Department of Biochemistry, Faculty of Pharmacy, Minia University, Egypt.</li> <li>• <b>"Basic Biochemistry</b> course for Post-Graduate Special Master Course Pharmacy students", Department of Biochemistry, Faculty of Pharmacy, Minia University, Egypt.</li> <li>• Courses for Post-Graduate students of Joint Master in Biotechnology (JMB) Course", Department of Biochemistry, Faculty of Pharmacy, Minia University, Egypt:             <ol style="list-style-type: none"> <li>1- <b>Cell and Molecular Biology</b></li> <li>2- <b>Recombinant DNA Technology</b></li> <li>3- <b>Pharmacogenomics</b></li> <li>4- <b>Gene Therapy</b></li> <li>5- <b>Bioethics and Biotechnology</b></li> <li>6- <b>Lab Biosafety</b></li> </ol> </li> </ul>
<p><b><u>Supervision of M.Sc. Students</u></b></p>	<ol style="list-style-type: none"> <li>1) <b>Evaluating the Role of Curcumin and Co-enzyme Q<sub>10</sub> in CCl<sub>4</sub> – Induced Liver Fibrosis in Rats.</b> M.Sc. Thesis <i>Prepared by:</i> Dalia H.A.M. Abu-Baih. <i>Supervised by:</i> Prof. Dr. Ahmed M.M. Okasha, Dr. <u>Asmaa M.A. Bayoumi</u>. (Completed: May 2018).</li> <li>2) <b>Investigating The Protective Role of Curcumin and Resveratrol in CCl<sub>4</sub> – Induced Liver Fibrosis in Rats.</b> M.Sc. Thesis <i>Prepared by:</i> Rania H. Abu-Baih. <i>Supervised by:</i> Prof. Dr. Salama R. Abdelraheim, Dr. Ahmed R.N. Ibrahim, <u>Asmaa M.A. Bayoumi</u>. (Completed: Jun 2018).</li> <li>3) <b>Investigating The Variations in The Expression Level of Some Protein Markers in Human Colorectal Carcinoma.</b> M.Sc. Thesis Protocol <i>Submitted by:</i> Walid A. Abd El-Aziz. <i>Supervised by:</i> Prof. Dr. Mahmoud El-Rehany, <u>Dr. Asmaa M.A. Bayoumi</u>. (Currently Registered).</li> <li>4) <b>Investigating The Impact of Vitamin-D Binding Protein Single-Nucleotide Polymorphism on Breast Cancer in Egyptian Women.</b> M.Sc. Thesis Protocol <i>Submitted by:</i> Amira T. Abd El-Hakim. <i>Supervised by:</i> Prof. Dr. Mohamed A. Ibrahim, Dr. Ahmed R.N. Ibrahim, <u>Dr. Asmaa M.A. Bayoumi</u>. (Currently Registered).</li> <li>5) <b>Investigating The Immunomodulation And Regenerative Potentiality of Stem Cells on Some Hepatic Injuries Using Mesenchymal Stem Cells-Derived Hepatogenic Cells.</b> M.Sc. Thesis Protocol <i>Submitted by:</i> Omar Yossri Tammam. <i>Supervised by:</i> Prof. Dr. Mahmoud El-Rehany, Prof. Dr. Faten A. Mohamed, <u>Dr. Asmaa M.A. Bayoumi</u>. (Currently Registered).</li> </ol>

	<p>6) <b>Possible Modulatory Effect of a Natural Polyphenolic Compound on Gentamicin-Induced Epithelial to Mesenchymal Transition in Kidney of Mice.</b> M.Sc. Thesis Protocol <i>Submitted by:</i> Olivia N. Beshay. <i>Supervised by:</i> Prof. Dr. Mohamed S. Abdel-Bakky, <u>Dr. Asmaa M.A. Bayoumi</u>, Dr. Amany A. Bakhit. (<i>Currently Registered</i>).</p>
<b><u>Laboratory Skills &amp; Techniques</u></b>	<ul style="list-style-type: none"> <li>• <b>RI license</b> from Kyushu University Radio Isotope (RI) Center, Fukuoka, Japan.</li> <li>• Preparation of bacterial cell culture and media, <b>plasmid cloning &amp; transformation</b>.</li> <li>• Preparation of mammalian cell culture and media, <b>plasmid transfection &amp; cell lysis</b>.</li> <li>• Protein purification (<b>Ni-NTA agarose column</b>) and analysis.</li> <li>• DNA preparation (<b>PCR</b>) and purification (<b>spin column</b>).</li> <li>• Electrophoretic mobility shift assay (<b>EMSA</b>).</li> <li>• Filter binding assay (<b>FBA</b>) and liquid scintillation counting (<b>LSC</b>).</li> <li>• <b>Western Blotting (WB)</b>.</li> <li>• <b>Pull-down</b> assay.</li> <li>• <b>Immunoprecipitation (IP)</b>.</li> <li>• <b>Flow cytometry</b> analysis.</li> <li>• <b>Immunocytochemistry (ICC)</b>.</li> </ul>
<b><u>Training Courses</u></b>	<p><b>I. Scientific Courses:</b></p> <ol style="list-style-type: none"> <li>1. <b>LC/MS/MS</b> training course, <i>Faculty of Pharmacy, Minia University</i>, Jul 17-21, <b>2017</b>.</li> <li>2. The 1<sup>st</sup> scientific training course “<b>Animal Care and Handling</b>”, <i>Molecular Biology Unit, Faculty of Pharmacy, Minia University</i>, Feb 12-13, <b>2019</b>.</li> <li>3. The 3<sup>rd</sup> scientific training course “<b>Western Blotting</b>”, <i>Molecular Biology Unit, Faculty of Pharmacy, Minia University</i>, Apr 17-18, <b>2019</b>.</li> </ol> <p><b>II. Courses Sponsored by Faculty and Leadership Development Project (FLDP), Minia University, Egypt:</b></p> <ol style="list-style-type: none"> <li>1. Scientific Research Methods (Dec 2004).</li> <li>2. Thinking Skills (Apr 2005).</li> <li>3. Effective Teaching Skills (May 2005).</li> <li>4. Effective Communication Skills (Jul 2005).</li> <li>5. Ethics of Profession (Aug 2005).</li> <li>6. Quality Standards in Teaching (Nov 2007).</li> <li>7. The Use of Technology in Teaching (Jul 2011).</li> <li>8. Exam Systems and Students’ Evaluation (Jul 2011).</li> <li>9. Credit Hours System (Aug 2011).</li> <li>10. Effective Presentation Skills (Aug 2011).</li> <li>11. Creating Personal Websites (Jun 2019).</li> <li>12. University Management (Jun 2019).</li> <li>13. Strategic Planning (Jul 2019).</li> </ol>

	<p><b>III. Courses Sponsored by Information and Communication Technology Project (ICTP), Minia University, Egypt:</b></p> <ol style="list-style-type: none"> <li>1. Concepts of IT (Sep 2011).</li> <li>2. Using Computers and Managing Files (Sep 2011).</li> <li>3. Word Processing (Sep 2011).</li> <li>4. Spreadsheets (Sep 2011).</li> <li>5. Database (Oct 2011).</li> <li>6. Information and Communication (Oct 2011).</li> <li>7. Introduction to PC Maintenance and Protection (Oct 2011).</li> </ol>
<b><u>Courses Studied for Preparation of M.Sc.</u></b>	<ul style="list-style-type: none"> <li>• <b>Basic Biochemistry:</b> Excellent.</li> <li>• <b>Advanced Biochemistry:</b> Excellent.</li> <li>• <b>Analytical Biochemistry:</b> Very Good.</li> <li>• <b>Physical Chemistry:</b> Excellent.</li> <li>• <b>Mathematics:</b> Excellent.</li> <li>• <b>Statistics:</b> Excellent.</li> <li>• <b>Computer Sciences:</b> Excellent.</li> <li>• <b>Instrumental Analysis:</b> Very Good.</li> </ul>
<b><u>Language Skills</u></b>	<ul style="list-style-type: none"> <li>• <b>Arabic Language:</b> Native.</li> <li>• <b>English Language:</b> Fluent (<b>TOEFL iBT Score 82, Date: Dec 2011</b>).</li> <li>• <b>Japanese Language:</b> Fair.</li> </ul>
<b><u>Computer Skills</u></b>	<ul style="list-style-type: none"> <li>• <b>ICDL:</b> Successfully passed all modules (Information Technology, Windows, Microsoft Word, Microsoft PowerPoint, Microsoft Excel, Microsoft Access, and Internet) required for the granting of the International Computer Driving License (ICDL).</li> <li>• Operating Systems: <b>Win-XP, Win-7, Mac.</b></li> <li>• Applications: <b>Microsoft Office, InStat, Graphpad Prism, Image-J.</b></li> </ul>