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CONFERENCE PROCEEDINGS

BOOK OF ABSTRACT BESSH-2016

**International Conference on
“Business Economics, Social Science & Humanities”
(BESSH-2016) Bangkok, Thailand**

Book of Abstracts Proceedings

**International Conference on
“BUSINESS ECONOMICS, SOCIAL SCIENCE &
HUMANITIES”
(BESSH-2016)**

Bangkok, Thailand

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Proceedings of the International Conference on

**“Business Economics, Social Science & Humanities
(BESSH-2016)”**

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**International Conference on
“Business Economics, Social Science & Humanities
Bangkok, Thailand
Venue: Holliday Inn Bangkok Silom Bangkok,
Thailand**

ORGANIZING COMMITTEE

1. Ms. Grace Ooi

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CONFERENCE CHAIR MESSAGE

Dr. Malika Ait Nasser (PhD)

International Conference on Business Economic, Social Science & Humanities” serves as platform that aims to help the scholarly community across nations to explore the critical role of multidisciplinary innovations for sustainability and growth of human societies. This conference provides opportunity to the academicians, practitioners, scientists, and scholars from across various disciplines to discuss avenues for interdisciplinary innovations and identify effective ways to address the challenges faced by our societies globally. The research ideas and studies that we received for this conference are very promising, unique, and impactful. I believe these studies have the potential to address key challenges in various sub-domains of social sciences and applied sciences.

I am really thankful to our honourable scientific and review committee for spending much of their time in reviewing the papers for this event. I am also thankful to all the participants for being here with us to create an environment of knowledge sharing and learning. We the scholars of this world belong to the elite educated class of this society and we owe a lot to return back to this society. Let’s break all the discriminating barriers and get free from all minor affiliations. Let’s contribute even a little or single step for betterment of society and welfare of humanity to bring prosperity, peace and harmony in this world. Stay blessed.

Thank you.

Dr. Malika Ait Nasser (PhD)

Conference Chair

Email: Chair2016@academicfora.com

BESSH-2016

CONFERENCE PROGRAM

DAY 01 Tuesday (September 20, 2016)
Welcome Reception & Registration

9:00– 9:30 am

Opening Ceremony (09:30 – 10:00 am)
Venue: Room 1

09:30 – 9:40 am	Introduction of Participants
09:40– 9:50 am	Welcome Remarks – Mr. Metha Shahi - Conference Coordinator Academic For a
09:50 – 10:00 am	Group Photo Session

Grand Networking Session and Tea Break (10:00– 10:30 am)

DAY 01 Tuesday (September 20, 2016)

Session 1 (10:30 am – 12:00 pm)

Session Chair: Leon Yap

Venue: Room 1

Track A: Engineering and Technology

BKE-496-102	Improvement of Inventory System for a University\'s Dental Clinic	Atthapit Pisedpichaya
BKE-496-103	Manpower Management of a University\'s Dental Clinic	Supawit Dumrongkitjakarn
BKE-496-104	Unit Cost System development for a University\'s Dental Clinic	Benjaporn Lorlekpech

Track B: Medical, Medicine and Health Sciences

BKM-496-101	Ameliorating Effect of β Carotene on Gene Expression Alteration in Spermatozoon Cultured with Titanium Oxide	Forouzan Absalan
BKM-496-102	Toxicity Evaluation of Single- And Multi-Walled Carbon Nanotubes on Human Sperm Cells	Mostafa Jamalan

Track C: Business, Management and Economics

BKS-496-105	Factors Influencing Financial Management of SMEs in Organic Agribusiness	Sirikul
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(Lunch Break: 12:00 to 1:00pm)

(Closing Ceremony)

LIST OF CONFERENCE ATTENDEES

The following Scholars/ practitioners/educationist who don't have any paper presentation, however they will attending the conference as delegates & observers.

Sr.no	Official ID	Name	Affiliation Details
1	BKM-496-103A	Emre MUMCU	Eskisehir Osmangazi University, Turkey

DAY 02 Wednesday (September 21, 2016)

City Tour and Shopping Day

All respective guests are free to conduct their own sightseeing and tour. The second day of the event is reserved for this memorable purpose.



**TRACK A: BUSINESS, MANEGEMENT AND
ECONOMICS**



Factors Influencing Financial Management of SMEs in Organic Agribusiness

Dr. Sirikul Tulasombat *
Maejo University, Thailand

Abstract

Small and Medium Enterprises (SMEs) contribute immensely to the economic development of any country especially in Thailand. SMEs should know about financial management combined with the uncertainty of the business environment often leads SMEs to serious problems regarding financial performances. Therefore, the main objective of this study was to explore the influence of financial management practices on the performance of organic agribusiness SMEs in ChiangMai, Thailand. The study was guided by the following objectives: to find the factors of influencing on financial management in capital structure, financial planning and controlling, business risk, and financial risk. Primary data was collected using a questionnaire. Content analysis was used to analyze qualitative data. A multiple regression analysis was applied to determine the relative importance of each of the four variables with respect to financial management in order to make the higher performance for SMEs.

Keywords: Influencing, Financial Management, Organic Agribusiness, Small and Medium Enterprises (SMEs)

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TRACK B: ENGINEERING AND TECHNOLOGY



Improvement of Inventory System for A University's Dental Clinic

Atthapit Pisedpichaya*¹, Suthas Ratanakuakangwan²
^{1,2} Chulaloangkorn University, Turkey

Abstract

This research presents improvement of inventory system for a University's dental clinic; by implementing inventory management system. Research methodology starts with categorized inventory items into three groups using ABC analysis. The criteria used in ABC analysis are annual usage, unit cost, and lead time. After that, the study forecasts the demands of the inventory of A and B groups and applies the forecast results with the ordering policies of special clinic, Economic Order Quantity or EOQ and Reorder point or ROP. The analysis is created inventory management model with Microsoft Excel. Therefore, the model is capable of determining the most appropriate ordering point, as well as accurately portraying the monthly inventory and ultimately increasing the precision of dental clinic's inventory management.

Keywords: Inventory System, Inventory Cost, ABC analysis, EOQ, Forecast

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Manpower Management of a University's Dental Clinic

Supawit Dumrongkitjakarn*¹, Dhunyanon Ratanakuakangwan²

^{1,2} Chulaloangkorn University, Turkey

Abstract

This paper studies process improvement and manpower management of a University's Dental Clinic (UDC). Currently, the UDC lacks precise job descriptions and job assignments resulting in more workload and longer waiting time for patients, have an effect on nurses resign from a job. The study begins with investigating the existing work process flows of SDC by constructing Work Breakdown Structure (WBS), work process flow charts, Organization Breakdown Structure (OBS), and Integration Definition for Function Zero (IDEF0). Besides, "ECRS" principle – Eliminate, Combine, Rearrange, Simplify are called "ECRS principle" – one of the concepts of lean – is utilized to resolve heavy workload issues by changing the workflow in order that manpower management could be productively rearranged. Employing the management tools and ECRS, the results reveal that standard time and interval time of services are decreased from 11.88 to 0 minutes, since the service units are combined; in the same manner, patients' waiting time is reduced to 6.22 from 10.71 minutes. Accordingly, UDC succeeds in planning a five-year workload plan of each service unit.

Keywords: Manpower Management, Work Breakdown Structure, Organization Breakdown Structure, IDEF0, ECRS, Process Improvement

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Unit Cost System Development for A University\'S Dental Clinic

Benjaporn Lorlekpech*¹, Dhunyanon Ratanakuakangwan²

^{1,2} Chulalongkorn University, Thailand

Abstract

The objective of this paper is to determine the unit cost for a University's dental clinic. In order to find each service profit or loss, the company requires the cost object and revenue for performance indicator. In addition, this research provides the methodology for other departments in the hospital as well. By grouping treatments, both revenue and cost object are analyzed in the same pattern. Basically, a cost structure consists of direct cost and common cost. There are two types of direct cost: direct material and direct labor. Also, the common cost represents overhead that includes support unit expense. This study performs cost allocation method to guarantee that all expenses are covered. Applying the proposed methodology, the result reveals that 40 treatments are lost, 56.33% of the total treatment

Keywords: Cost Allocation, Common Cost, Unit Cost of each treatment

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TRACK C: MEDICAL, MEDICINE AND HEALTH SCIENCES

Ameliorating Effect of β Carotene on Gene Expression Alteration in Spermatozoon Cultured with Titanium Oxide

Forouzan Absalan*

Abadan School of Medical Sciences, Iran

Abstract

Objective: Nanotechnology is the creation and utilization of materials and devices by production of nanoparticles (NPs) with unique physiochemical properties. Negative effects of NPs on the germ line, either directly or indirectly by acting on the somatic cells of the testis established. In the present study, we have assessed the effects of beta-carotene on titanium oxide nanoparticle (TNP) induced mouse spermatozoon stem cells (SSCs) apoptosis at molecular level. **Method and Material:** After isolation and characterization, spermatogonial stem cells extracted from cryptorchid mouse testis are divided to 4 groups: spermatogonia of control group were cultured in α -MEM supplemented with 2% BSA, BC group: control supplemented with 1 μ g/ml beta Carotene, TNP group: control supplemented with 1 μ g/ml Titanium oxide, BC+ TNP group: control supplemented with 1 μ g/ml BC and 1 μ g/ml titanium oxide for 3 days. After that, spermatozoon viability by MTT (3-(4, 5-dimethylthiazolyl)-2, 5-diphenyltetrazolium bromide) method, apoptotic and necrotic index with Annexin V/PI kit and expression of caspase-3 and p38 MAPK by Real time-PCR method were examined. **Results:** TiO₂ can decreased significantly viability of cultured spermatozoon in TNP group compared to control. In BC group we showed live spermatogonia that increased compared to TNP and control group. Expression of apoptotic related genes was significantly increased in TNP group. Measurement apoptosis index using Annexin V/PI method showed significant increase in apoptotic index of germ cells in TiO₂ treated spermatogonia (P < 0.05). **Conclusion:** Expression of apoptotic related genes in cultured spermatogonia could efficiently decreased by Beta- carotene treatment. The application of BC may serve as a beneficial medication to prevent apoptosis in germ cells induced by nanoparticles and be helpful for male fertility.

Keywords: Titanium Oxide, B Carotene, Spermatogonia, Gene Expression

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Toxicity Evaluation of Single- And Multi-Walled Carbon Nanotubes on Human Sperm Cells

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²Research Institute of Petroleum Industry (RIPI), ^{3,4} Cell and
Molecular Research Center, Ahvaz Jundishapur University of
Medical Sciences, Ahvaz

Abstract

Nowadays, various kinds of nanomaterials have broad range of utility in different fields of industry and medicine. Thus, evaluation of their toxic effect on biological systems is heavily under investigation. In Current study, we focused on effect of soluble types of carbon nanotubes (CNTs) on human sperm cells using assessment of cell motility, MTT assay for disertation of cell viability, evaluation of reactive oxygen species (ROS) generation, and estimate of nitric oxide (NO) production. Healthy pool of human spermatozoa was constructed, was evaluated according to the WHO characteristics, and was treated by various concentrations of carboxylated single and multi-walled carbon nanotubes at different incubation time. Morphology of CNTs were investigated by TEM and SEM microscopy and success of carboxylation process were confirmed by FT-IR spectroscopy. Our results showed that CNTs treatment (from 0.1 to 100 µg ml⁻¹) could significantly decrease sperm motility as remarkable factor in fertility in a dose-dependent manner but did not affect viability of indicated cells. However, ROS generation was induced by CNTs treatment, there was not seen a significantly different in NO production. In conclusion, it seems SWCNT-COOH and MWCNT-COOH through induction of ROS generation could induce significant reproductive toxicity.

Keywords: Carboxylated Carbon Nanotubes; Human Spermatozoa; Viability; Motility; Oxidative Stress

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