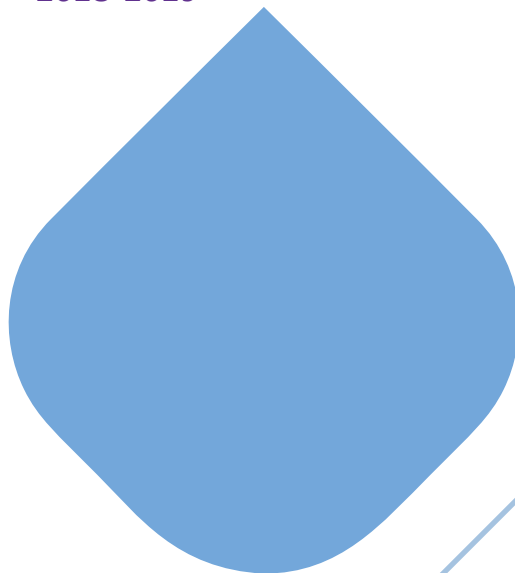


RESEARCH

FACILITIES & PROJECTS

2018-2019



Molecular and Cell Biology
Laboratory
in collaboration with
Prince Naif Health
Research Center



College of Dentistry
Research Center
CDRC



بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ







Prof. Mohammad Qassim Alrifaiy
Dean, College of Dentistry

At the College of Dentistry, King Saud University, our vision is to integrate research activities within the undergraduate and postgraduate curriculum. At the dental school we aim to create an environment of research based on critical thinking among our graduates where the groundbreaking research we conduct will provide new knowledge and offer solutions in clinical settings. Scientific research is a core tool for the success of higher education and our students should be at its forefront. With the new direction of Saudi Arabia heading towards graduate studies and research, our college has taken great strides to uphold this vision. To fulfill the research goals of the dental school our focus also includes training of students in various advanced techniques and methodologies using state of the art machinery. Therefore the College of Dentistry research laboratories stands at the forefront of dental student training and research support for student contributions in the advancement of dental science.

Our aim is to acclimatize maximum students with scientific research in order to broaden their vision. With limitless possibilities these students will prepare themselves for international research forums and flourish at renowned research universities worldwide. The research faculty members at the college provide students with the best guidance and the school affirms the availability of state of the art facilities to complete the circle of research.

The principle aim for the research laboratories and such similar facilities at the College of Dentistry is to promote research activities locally and in collaboration with international teams, to develop optimum dental treatment strategies, contemporary materials and oral health policies for the community. This in turn will lead our students to pioneer the development of dental tools and materials regionally and globally.



Prof. Maan M. AlShaafi
Vice Dean for Graduate Studies
and Scientific Research

In 1975, the College of Dentistry in King Saud University was established as the first college in the Gulf region. As being a leader in graduating component general dentists, the college continued its leadership in the graduate studies. The program of Masters of Science in Dentistry started back in the early 1980's with the collaboration and efforts of the founding pioneers in the field of dental education in the Kingdom of Saudi Arabia. These efforts in establishing the graduate program at the College of Dentistry resulted in the first group graduate students that obtained their Master's degree in June 1993. In 2015, the graduate studies in the college stepped up to the next level by opening the Doctorate Degree of Science in Dentistry combined with seven different clinical specialties. Raising the bar and challenge in the dental graduate education would have not been possible without many variables, including the elite and upgraded facilities and equipment in CDRC and its associated dental research Chairs. we believe in the Vice Dean office for graduate studies and scientific research that we can educate our graduate students to perform the highest level of dental research. We hope the outcome of these respected research projects will be serving our community to provide them with the best dental care.



Dr. Ali Alrahlah

Director,
College of Dentistry Research Center

Engagement in scientific research that improves the quality of life for the population is one of the main aims of the establishment of King Saud University. The pursuit of this aim is very clear in the policy and direction of research-related activities in King Saud University at this time and the College of Dentistry Research Center (CDRC) contributes through the financial and technical support it provides to faculty members, postgraduate students, interns and other researchers from inside and outside King Saud University, to conduct their scientific research.

The CDRC has laboratories that are equipped with specialized scientific equipment and properly-staffed with trained technicians. Researchers are encouraged to utilise these facilities and additional support services provided by the CDRC and these include the referring of scientific research proposals, facilitating the ethical approval for research proposals, and support for the publication of research findings in referred scientific journals, within the rules and regulations of King Saud University.



Dr. ABDURAHMAN NIAZY

Director,
Molecular Cell & Biology Laboratory

It is with great pleasure that I write this message in support of Molecular and Cell Biology research at the College of Dentistry at King Saud University. This college has a great history extending 40 years of great academic advancement in producing thousands of Dentists who serve this great country. With 2020 and 2030 vision, the country is heading towards graduate studies and research for the future of scientific advancement and development. Our college has taken great strides to adapt and carry on the message. Scientific research is a core tool for the success of higher education and students are the engine that drives it. With focus on graduate student research, the Molecular and Cell Biology Laboratory stands at the forefront of Dental research to achieve the goals of the college to train students on proper scientific research that contributes to the advancement of dental science.

Our aim is to expose the highest number of students possible to Dental scientific research in order to broaden their vision. With unprecedented support and guidance these students can flourish and take research a step further and compete with world renowned research universities. Well trained faculty members give the students the best guidance possible and the college is working to provide the best facilities in order to complete the circle of research.

The goal is for these research projects to end up enhancing the development of currently available dental tools and materials locally or through international collaboration. This will lead our students to pioneer the development of dental tools and material regionally and hopefully globally in the near future.

Physical Research Laboratory

Research Facilities & Projects

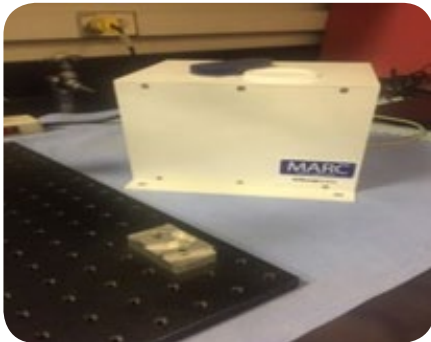




Buehler IsoMet Low Speed Precision Cutter

The Buehler IsoMet Low Speed cutting machine is a precision sectioning saw that is designed for cutting various types of materials with minimal deformation. This low speed precision cutter is targeted for delicate parts by only using gravity fed force.

Low speed sectioning tool capable of cutting virtually any material including brittle or ductile metals, composites, cements, laminates, plastics, electronic devices and biomaterials.



Marc Resin Calibrator

The Marc Resin Calibrator is one of two scientifically accurate & clinically relevant energy measurement systems offered by Blue Light Analytics enables dental researchers & manufacturers to: 1) Precisely control the amount, type and rate of energy delivery to the top surface of resin composite specimens; and 2) Monitor how much and what type of energy passes through to the bottom surface of that some increment of resin composite.

LabScan XE spectrophoto-meter

The LabScan XE spectrophotometer has 0°/45° optical geometry that measures color the way that you see color, ignoring the glare, and including the effect of gloss or texture. Its large measurement port of 50 mm reduces the need to average and the variable illumination option has an automated zoom lens to measure samples as small as 5 mm.

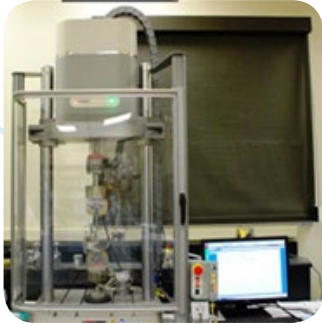


OHAUS Explorer

The OHAUS Explorer Series of analytical balances combine modern features and design elements to offer unmatched functionality in a line of high-performance balances unlike any other on the market. These smart and intuitive balances and all of their intelligent features simplify even the most complex laboratory measurements.

A large color touchscreen gives access to the advanced application modes and icon-driven application software features such as user manager, library, and minimum weight indication.





Electro Puls E3000 INSTRON Testing System

A powerful dynamic & static testing machine. At its core is a brushless linear electric motor capable of producing force at high velocities. The actuator uses powerful magnets & electromagnetic force to provide load & displacement of the specimen

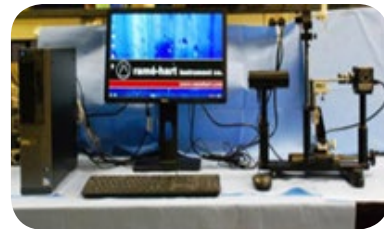


INSTRON 5965 Material Testing System

INSTRON 5965 Material Testing System with a capacity 5 KN [500kg. 1125 lb] an electro mechanical testing machine with programmable function keys , test status indicator, variable speed jog & specimen protection

F2 Series Goniometer

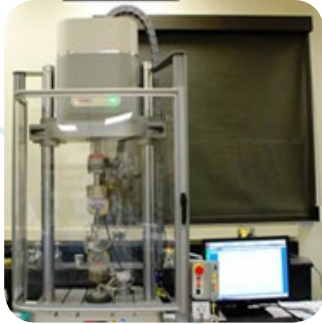
F2 Series Goniometer designed to measure contact angle of sessile drops & pendant drops to perform other measurement which are a function of the Drop image software.



Thermocycler 1100It

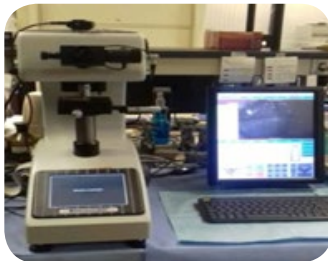
Thermocycler 1100It consist of cooling aggregate, warm – and cold bath tank. Used in dental research for long-term temperature – stress for the development of composites materials. It stimulates changing temperatures in the mouth in order to evaluate the behavior of composites under these conditions.





Electro Puls E3000 INSTRON Testing System

A powerful dynamic & static testing machine. At its core is a brushless linear electric motor capable of producing force at high velocities. The actuator uses powerful magnets & electromagnetic force to provide load & displacement of the specimen



MICRO VICKERS & KNOOP HARDNESS

MICRO VICKERS & KNOOP HARDNESS A machine that performs hardness test, indentation placement is consistent using Vickers and Knoop scales.

THE BUEHLER ISOMET 2000 PRECISION SAW

The BUEHLER ISOMET 2000 PRECISION SAW Used for cutting with the specifications from 0.1mm to 20mm with internal coolant and lubricant circulating during cutting procedures.



AUTOMATA GRINDING AND POLISHING UNIT

AUTOMATA GRINDING AND POLISHING UNIT A motor driven rotating sample holder with individual pressure application for the grinding and polishing of round or mounted samples up to 5 samples with a diameter of 25mm to 50mm can be prepared.



GLOSS METER



The Novo-Curve glossmeter is a unique instrument with specially designed optics for accurately measuring curved surfaces and small areas. It can also be used to measure flat surfaces and areas which are too small to measure with standard glossmeters. With built in statistical analysis and the ability to download results to a PC the instrument has all the features you will ever need for fast accurate curved surface gloss measurement.



VITA EASY SHADE COMPACT

Can measure a broad range of shades, including Bleached Shade Guide etc. which are intermediate shades achieved by mixing two or more porcelain together. Provides accurate shade determination for natural dentition and variety of restorations.

HIROX DIGITAL MICROSCOPE

It performs various measurements on an object in an image, saves still images, input information about the height of an object and creating a 3-dimensional image, displays the cross section & measures height, width, angle, surface area & volume. Tools available to input comments, creates simple report.



MASTICATORY or CHEWING SIMULATOR MACHINE

It is a universal device to carry out these and other tests reliably and quickly. Special importance has been given to mechanical stability while developing it, ensuring that the results are maintained during extended operations as well.





TOOTHBRUSHING MACHINE

The brushing machine is designed to perform tests of abrasiveness and brushing simulation in various types of materials. The machine has two distinct versions for brushing simulation: movements in X and XY movements



MICROTENSILE MACHINE

This testing machine can be universally used for a multitude of testing procedures on a whole variety of materials and components. The powerful software allows quick and easy analysis

SEM Laboratory





SCANNING ELECTRON MICROSCOPE (SEM) – JEOL 6360LV

JSM-6360LV low vacuum SEM is a high-performance scanning microscope for fast characterization and imaging of fine structures. The selectable Low Vacuum mode allows for observation of specimens that cannot be viewed at high vacuum due to excessive water content or because they have a non-conductive surface. With a high resolution of 3.0nm at 30kV, the JSM-6360LV delivers amazing clarity of the finest structures.



EDX DETECTOR – OXFORD X-MAX

EDX is an analytical technique used for the elemental analysis or chemical characterization of a sample. It relies on an interaction of some source of X-ray excitation and a sample. Its characterization capabilities are due in large part to the fundamental principle that each element has a unique atomic structure allowing unique set of peaks on its X-ray emission spectrum.

Rotational and Oscillation Rheometer

Rheometer – A rheometer is used to measure the way in which a liquid, suspension or slurry flows in response to applied forces. Rotational and Oscillation rheometry are the two-powerful technique for the measurement of complex shear rheology across all material types – sensitive enough to measure the viscosity of dilute polymer solutions, and yet robust enough to measure the viscoelasticity of high modulus polymers or composites.





FTIR SPECTROSCOPY – THERMO NICOLET IS10

FTIR spectra reveal the composition of solids, liquids, and gases. The most common use is in the identification of unknown materials and confirmation of production materials. The information content is very specific in most cases, permitting fine discrimination between like materials. Widely used in micro-analysis of small sections of materials to identify contaminants, Analysis of thin films and coatings, Monitoring of automotive or smokestack emissions, Failure analysis etc.

Microbiology Laboratory





Oven incubator

Accurate counting of surface and sub-surface bacterial colonies growing on all type of agar. A highly polished annual reflector directs oblique light evenly over the entire culture plate surface. Colonies are seen against a dark filed background so that they may be easily distinguished from any other material in agar.



Safety Cabinet

This contains vertical laminar airflow and it protects the environment and the people using it from any airborne contamination.

Anaerobic Incubator

Intended use for routine incubation of anaerobic bacteria under conditions of strict and continuous anaerobic



Vitek 2

Vitek 2 compact is a highly automated identification and susceptibility testing system which using vitek2 disposable cards enables: identification of bacteria and yeast –Susceptibility testing of clinically significant bacteria. Vitek 2 identification test card description: A plastic test card containing 64 micro-wells.

Each well contain specific dehydrated biochemical substrate. vitek 2 susceptibility test card description: A plastic test card contain 64 micro-wells. Each well contain varying dilution of specific anti-microbial agent.



The background of the page features a blurred image of hands writing on a document. Overlaid on this are several decorative elements: a light blue curved line starting from the left and extending towards the center; a purple curved line starting from the top right and curving downwards; and a large, semi-transparent blue shape on the right side that frames the text and the image of the hands. The text is in a purple, sans-serif font.

PHYSICAL RESEARCH LABORATORY
REGISTERED RESEARCH PROJECTS

SEM LABORATORY
REGISTERED RESEARCH PROJECTS

MICROBIOLOGY LABORATORY
REGISTERED RESEARCH PROJECTS

No.	Researcher's Name	Classification	Department, College, University	Research Project Title	Research Supervisor
1	Rahaf Zawawi	Intern	College of Dentistry, King Saud University	Influence of Er;Cr:YSGG, laser on the strength and surface of lithium disilicate ceramic when bonded to resin composite: In vitro study	Dr. Fahim Vohra
2	Dr. Dana Alsenan	Post-graduate Student	College of Dentistry, King Saud University	The Effect of Different Light Curing Units and Tip Distances on Polymerization Efficiency of Bulk Fill Materials	Dr. Hend Alnahedh
3	Issa A. Abu Amara	Intern	College of Dentistry, King Saud University	The Effect of Different Bleaching Techniques on Translucency, Surface Texture, and Microhardness of Bulk Fill Composite Materials	Dr. Abdullah Al-ayad
4	Eman Alabdulqader	Intern	College of Dentistry, King Saud University	Comparison of the physical properties of stainless steel orthodontic archwires	Dr. Abdullazez Almudhi
5	Dr. Mohamed Bin-Shuwaish	Faculty – Associate Professor	RDS Dept., College of Dentistry, King Saud University	Shear Bond Strength and Microleakage of Different Composite Resin Restorations	NA

Co-Investigator's Name	Department, College, University	IRB Approval No.	Start Date	Reference No.	Research Project Status
Abeer Al-Hussaini Maha Al-Jarboua	SDS Dept., College of Dentistry, King Saud University	-	10/9/2017	IR 0231	Completed
Dr. Abdullah Alayed	RDS Dept., College of Dentistry, King Saud University	-	9/11/2017	PR 0062	Completed
Abdulrahman H. Al-sowygh Ali A. Almudawi	RDS Dept., College of Dentistry, King Saud University	-	12/11/2017	IR 0234	Completed
Aisha Alsanie	POS Dept., College of Dentistry, King Saud University	-	12/11/2017	IR 0227	Completed
NA	NA	-	13/11/17	FR 0408	Completed

No.	Researcher's Name	Classification	Department, College, University	Research Project Title	Research Supervisor
6	Dr. Abdullah Alayed	Faculty – Assistant Professor	RDS Dept., College of Dentistry, King Saud University	The Effect of Different Light Curing Units and Tip Distances on Polymerization Efficiency of Bulk Fill Materials	NA
7	Dr. Alaa Al-Safi	Post-graduate Student	College of Dentistry, King Saud University	Effect of Resin Infiltration on Surface Roughness and Micro Hardness of Bleached Enamel Surface (AFM Study)	Prof. Nadia Taher
8	Sultan AlShalan	Intern	College of Dentistry, King Saud University	Comparison Between LED and Halogen Photoinitiator System on Setting Time for Different Thickness of Resin-based Composite for Various Seconds	Dr. Ihab M. Moussa
9	Dr. Basil Almutiri	Faculty - Lecturer	RDS Dept., College of Dentistry, King Saud University	Recently Bleached Enamel Susceptibility To Stain After Using Two Different Concentration Of Chlorhexidine – Based Mouthwash	NA
10	Nohair Alsuhai-bani	Intern	College of Dentistry, King Saud University	Shear Bond Strength of Self-Adhesive Resin Composites to Dentin	Norah Sibai
11	Fatin Abdulaziz Ageel	Post-graduate Student	RDS Dept., College of Dentistry, King Saud University	The Effect of Varying Solvents Content of One-Step Self-Etch Adhesives on the Shear Bond Strengths to Enamel and Dentin	Prof. Mohamed Quaid Al Qahtani

Co-Investigator's Name	Department, College, University	IRB Approval No.	Start Date	Reference No.	Research Project Status
Dr. Dana Alsenan Dr. Hend Alnahedh	RDS Dept., College of Dentistry, King Saud University	-	13/11/17	PR 0062	Completed
NA	RDS Dept., College of Dentistry, King Saud University	-	13/11/17	PR 0063	Completed
Nasser AlSaif Abdulaziz Al Amri Abdulwahed Alhuqayl	RDS Dept., College of Dentistry, King Saud University	-	13/11/17	IR 0237	Completed
Turki Almayman Abdullah Aldaghri Yasser Almutairi Abdulmajeed Bin Hamdan	College of Dentistry, King Saud University	-	14/11/17	IR 0245	Completed
Aminah ElMourad Raghad Alahmadi Sara Aldosary	RDS Dept., College of Dentistry, King Saud University	-	14/11/17	IR 0235	Completed
NA	RDS Dept., College of Dentistry, King Saud University	-	20/11/17	PR 0059	Completed

No.	Researcher's Name	Classification	Department, College, University	Research Project Title	Research Supervisor
12	Dr. Ghaida Barri	Post- graduate Student	Riyadh College	Color Stability of Aesthetic Composite Restoration Using LED and Halogen Light Cure	Dr. Afra Al Rashid
13	Sultan Alharthi	Intern	College of Dentistry, King Saud University	Influence of Er;Cr:YSGG, Laser Treatment on the Surface, Adhesive Strength and Microleakage of Enamel and Dentin When Bonded to Resin Composite. In Vitro Study	Dr. Tariq Abduljabbar
14	Moneera Al- hasan	Intern	College of Dentistry, King Saud University	Comparison of the Fit Accuracy of Metal Removable Partial Dental Prosthesis Frameworks Fabricated by Traditional Technique and by 3D Printing Technique – An In Vitro Study	Dr. Salwa Bajunaid
15	Shahad Al Bader	Intern	College of Dentistry, King Saud University	Comparison of Antibacterial Activity of BioRoot RCS, Endosequence BC and AH Plus Sealers Against Enterococcus Faecalis Biofilms in Dentin Canals: A Confocal Laser Microscope Analysis	Dr. Sara A. Alsubait

Co-Investigator's Name	Department, College, University	IRB Approval No.	Start Date	Reference No.	Research Project Status
NA	Riyadh College	RC/IRB/2016/484	21/11/17		Completed
Dr. Fahim Vohra Abdullah Alghamdi Mohammed Aldakkan Osamah Alturaiqi	SDS Dept., College of Dentistry, King Saud University	E-17-2664	26/11/17	IR 0243	Completed
Rawan Alammari Bashaer Altwaim	SDS Dept., College of Dentistry, King Saud University	NA	28/11/17	IR 0230	Completed
Dr. Ahmed Almahdy Norah Al Ajlan Nouf Al Khunaini	RDS Dept., College of Dentistry, King Saud University	E-17-2687	28/11/17	IR 0248	Completed

No.	Researcher's Name	Classification	Department, College, University	Research Project Title	Research Supervisor
16	Malek Ahmed Alab-dulkader	Intern	College of Dentistry, King Saud University	Effect of Cement Application Techniques on the Adaptation and Retention of Provisional Crowns	Dr. Syed Rashid Habib
17	Khalid Abdelaziz	Faculty	King Khalid University	Push-out strength and Sealing Ability of Contemporary Endodontic Sealers	NA
18	Omar M. Alomran	Intern	College of Dentistry, King Saud University	Antibacterial Efficacy of Intracanal Medicaments Used in Regenerative Endodontics Treatment	Prof. Hanan A. Balto
19	Abdulaziz Altahtam	Intern	College of Dentistry, King Saud University	Translucency and Flexural Strength of Recently Introduced Aesthetic Zirconia	Mohammed Alkatheeri
20	Maisam Alhomaithi	Post- graduate Student	Riyadh College	Post-Fatigue Fracture Strength of Three Different Designs of an Implant Supported Fixed Partial Dentures	Dr. Fawaz Alqah-tani
21	Mousa Ateeq Al-zahrani	Post- graduate Student	Riyadh College	Polymerization Depth of Bulk-Fill Composite Resin Using Different Light-Curing Modes	Dr. Roula Alhus-sain
22	Mohammed Al Amar	Post- graduate Student	Riyadh College	The Effect of Different Implant Abutment Connection Materials on Fracture Resistance of Zirconia Abutments	Dr. Fawaz Alqah-tani

Co-Investigator's Name	Department, College, University	IRB Approval No.	Start Date	Reference No.	Research Project Status
NA	SDS Dept., College of Dentistry, King Saud University	-	30/11/17	IR 0244	Completed
NA	NA	-	30/11/17	Receipt # 1219	Completed
Anas O. BaHamam Badr F. Almutairi	RDS Dept., College of Dentistry, King Saud University	E-17-2691	3/12/2017	IR 0250	Completed
Abdullah Abokhalf Abdulrahman Almusalam Truki Al Masloukhi	RDS Dept., College of Dentistry, King Saud University	-	12/12/2017	IR 0241	Completed
NA	Riyadh College	-	21/12/17	Receipt # 1221	Completed
NA	Riyadh College	-	21/12/17	Receipt # 1222	Completed
NA	Riyadh College	-	21/12/17	Receipt # 1220	Completed

No.	Researcher's Name	Classification	Department, College, University	Research Project Title	Research Supervisor
23	Asma AlOwiwid	Intern	College of Dentistry, King Saud University	Shear Bonding Strength of Biodentine to Different Luting Cements: In-Vitro Study	Dr. Kholod AlManie
24	Hesham Alqarni	Intern	King Khalid University	Effect of Different Cavity Cleansing on Shear Bond Strength of Esthetic Restorative Materials	Dr. Ahmed Saleh
25	Reem Al Rabiah Riham Al Busayes	Intern	College of Dentistry, King Saud University	Shear Bond Strength of Composite Resin to Laser Etched or Acid Etched Enamel and Dentin: An In-Vitro Study	Alhanouf Al Habdan
26	Safeyah Alqarni	Intern	King Khalid University	The Effect Intra Radicular Multiple Fiber and Cast Posts on the Fracture Resistance of Endodontically Treated Teeth	Dr. Sateesh Haralur
27	Mohammed AlQarni	Faculty	King Khalid University	Push-out Strength and Sealing Ability of Contemporary Endodontic Sealers	Dr. Khalid Abdelaziz
28	Abdulaziz Alotaibi	Intern	College of Dentistry, King Saud University	Two Body Wear Behavior of Human Enamel Versus Monolithic-Zirconia, Lithium-Disilicate, Ceram-Metal and Composite Resin	Dr. Syed Rashid Habib

Co-Investigator's Name	Department, College, University	IRB Approval No.	Start Date	Reference No.	Research Project Status
Dr. Reem AlSulaimani Reem AlDhafiri Sahad AlHarran	RDS Dept., College of Dentistry, King Saud University	E-17-2642	21/12/17	IR 0257	Completed
NA	King Khalid University	SRC/ETH/2017-18/24	24/12/17	Receipt # 1223	Completed
NA	RDS Dept., College of Dentistry, King Saud University	E-17-2643	25/12/17	IR 0251	Completed
NA	King Khalid University	SRC/ETH/2016-17/044	26/12/17	Receipt # 1224	Completed
NA	King Khalid University	SRC/ETH/2017-18/017	31/12/17	Receipt # 1225	Completed
Nawaf Al Hazzaa Yasser Allam Mohammad AlGhazi	SDS Dept., College of Dentistry, King Saud University	E-17-2705	31/12/17	IR 0255	Completed

No.	Researcher's Name	Classification	Department, College, University	Research Project Title	Research Supervisor
29	Mona AlNefae	Post- graduate Student	Riyadh College	Comparative Evaluation on the Effect of Blood Contamination on Bond Strength of Calcium Silicate Materials in Simulated Furcation Perforations – In Vitro	Dr. Shiba
30	Fatimah Al-Hamdi	Intern	King Khalid University	Shear Bond Strength of Orthodontic Attachments Bonded to Enamel	Dr. Salem Almoammar
31	Dr. Huda Al Shehri	Faculty – Assistant Professor	SDS Dept., College of Dentistry, King Saud University	Adaptation of lithium disilicate crowns fabricated from 3d-printed wax patterns	NA
32	Dr. Manal Alkadi	Post- graduate Student	RDS Dept., College of Dentistry, King Saud University	Ex vivo Microbial Leakage Analysis of Polytetrafluoroethylene Tape and Cotton Pellet as Endodontic Access Cavity Spacers	Dr. Fahd AlSalleeh
33	Hesham Ali	Post- graduate Student	Riyadh College	Comparative Study of Marginal Micro-Leakage for Three Type of Bulk Fill Composite in Class II Cavities: An In Vitro Study	Prof. Roula
34	Ebtisam Ali Althawab	5 th Year Student	Qassim University	A Comparative Evaluation of Apical Sealing Ability Between AH26,MTH and Pure Portland Cement: An In Vitro Study	Dr. Irafanaa Khurshed

Co-Investigator's Name	Department, College, University	IRB Approval No.	Start Date	Reference No.	Research Project Status
NA	Riyadh College	RC/IRB/2016/522	1/1/2018	Receipt # 1227	Completed
Balsam Al-Almai	King Khalid University	SRC/ETH/2017-18/022	1/1/2018	Receipt # 1226	Completed
Dr. Sara Al Taweel Dr. Raghdah Al Shaibani Dr. Esraa Al Ahmari	College of Dentistry, King Saud University	-	4/1/2018	FR 0322	Completed
NA	RDS Dept., College of Dentistry, King Saud University	-	24/01/18	PR 0060	Completed
NA	Riyadh College	RC/IRB/2016/715	12/2/2018	Receipt # 1230	Completed
NA	Qassim University	F-5009	15/02/18	Receipt # 1231	Completed

No.	Researcher's Name	Classification	Department, College, University	Research Project Title	Research Supervisor
35	Mayyadah Almozainy	Faculty - Lecturer	RDS Dept., College of Dentistry, King Saud University	Effect of Preheating on the Microhardness of Different Commercially Available Resin-Based Composites	NA
36	Dr. Aminah El Mourad	Faculty - Lecturer	RDS Dept., College of Dentistry, King Saud University	The Effects of Post-Operative Home Bleaching Using 15% Carbamide Peroxide on the Shear Bond Strength of Different Adhesives to Enamel	NA
37	Mazen K. Alnuwaiser	4 th Year Student	College of Dentistry, King Saud University	Comparison of Marginal Integrity of Two Different 3D-Printed Copings	Dr. Aws Saleh Ali ArRejaie
38	Abrar Abdulkarim Al-Mubarak	Intern	Qassim University	Spectrophotometric Assessment of color Stability of Different Composite Resins Using Variable Immersion Time and Various Beverages: An In-Vitro Study	-
39	Amjad Alqahtani	Intern	Riyadh College	Stereomicroscopy Evaluation of Marginal Fit and Fatigue Resistance Test of E.max Press and E.max CAD/CAM Lithium Disilicate Restorations	Dr. Afraa Alra-sheed

Co-Investigator's Name	Department, College, University	IRB Approval No.	Start Date	Reference No.	Research Project Status
NA	NA	-	18/02/18	FR 0425	Completed
NA	NA	E-18-3025	25/02/18	FR 0432	Completed
Abdullah M. Alfadda Malek El-Desouky	SDS Dept., College of Dentistry, King Saud University	-	27/02/18	FR 0433	Completed
NA	NA	-	27/03/18	Receipt # 1232	Completed
NA	Riyadh College	-	29/03/18	Receipt # 1233	Completed

No.	Researcher's Name	Classification	Department, College, University	Research Project Title	Research Supervisor
40	Maryam Alsulami	Intern	Princess Nora University	Efficacy of Tooth Whitening Using Natural Products in Vitro	Dr. Ambreen Azam
41	Dr. Mohammad AIObaida	Faculty – Associate Professor	RDS Dept., College of Dentistry, King Saud University	Evaluation of XP Endo Finisher and Diode Laser in Root Canal Irrigation (An In Vitro Study)”	NA
42	Eng. Monis Luqman Mohammed	Researcher (Student)	-	Investigations of the Structure-Properties Relationships in Biopolymer Nanofiber Membranes for Biomedical Applications	Dr. Hussam A. Al-Fawaz
43	Prof. Rita Khounghanian	Faculty – Professor	DDS Dept., College of Dentistry, King Saud University	Efficacy of Secondary Dentin for Human Age Estimation in Forensic Dentistry	NA
44	Mawadh Demyati	Post- graduate Student	College of Dentistry, King Saud University	Effect of Prophylaxis Polishing Pastes and Polishing Cups/Brushes on the Surface Gloss and Microhardness of Restorative Materials	Prof. Fouad Salama
45	Norah Hamad Alsaad	Student	College of Dentistry, King Saud University	The Effect of Intracanal Medicaments on the Dislocation Resistance of Two Calcium Silicate-Based Filling Materials	Dr. Sara A. Alsubait

Co-Investigator's Name	Department, College, University	IRB Approval No.	Start Date	Reference No.	Research Project Status
Prof. Randa Abidia Khuloud Al-Mugbel Shahad Alqahtani	Princess Nora University	IRB Log - ١٩٦-١٧	٢٠١٨/٤/٢	Receipt # ١٢٣٥	Completed
Reina Moukaddem Dr. Ebtisam Al-Madi Dr. Ziyad Allahem	RDS Dept., College of Dentistry, King Saud University	E٢٧٣٨-١٧-	٢٠١٨/٤/١	FR - ٤١٧	Completed
Dr. Hamad F. Alharbi Dr. Abdullah Alqadairi	RDS Dept., College of Dentistry, King Saud University	-	١٨/٠٥/١٥	FR - ٤٤٩	Completed
Abdullah Ibrahim Alkharji Faris Naser Alabdulwahab Naif Saeed Aljuaid	College of Dentistry, King Saud University	E٢٧٢٤-١٧-	١٨/٠٥/١٦	FR - ٤٢٨	Completed
Maimona Almaker	POS Dept., College of Dentistry, King Saud University	-	١٨/٠٥/١٦	FR - ٤٣٦	Completed
Sumiah Al Ahmari Fatimah AlFaraj Dr. Hussam AlFawaz Dr. Abdullah Alqadairi	RDS Dept., College of Dentistry, King Saud University	E٣٠٧٨-١٨-	١٨/٠٥/١٦	FR - ٤٤٦	Completed

No.	Researcher's Name	Classification	Department, College, University	Research Project Title	Research Supervisor
46	Dr. Fahad Al-Juwair	Intern	College of Dentistry, King Saud University	The Cutting Efficiency and Durability of Different Crown Cutting Diamond Burs on Zirconia Using High Speed Electric Handpiece	Dr. Abdulaziz Al-Qahtani
47	Sara Alswayyed	Student	College of Dentistry, King Saud University	Effect of Whitening Toothpastes and Brushing on Microhardness of Esthetics Restorative Materials	Prof. Fouad Salama
48	Saja AlEidan	5 th Year Student	Riyadh College	Color Stability of Ceramic Brackets After Exposure to Different Staining Agents	Dr. Deema Alshammary
49	Prof. Abdullah M. Aldosari	Faculty - Professor	DDS Dept., College of Dentistry, King Saud University	Comparative In Vitro Evaluation of Different CAD/CAM Systems, 3D Systems and, Cast Crowns	Prof. Tariq Abduljabbar
50	Rufaida Murad	Intern	College of Dentistry, King Saud University	The Effect of Different Antioxidants on Shear Bond Strength of Orthodontic Bracket After Bleaching	Laila Baidas
51	Shatha Alhomoud	Intern	College of Dentistry, King Saud University	Effect of Remineralizing Agents on Microhardness and Bond Strength of Primary Dentin	Prof. Fouad Salama

Co-Investigator's Name	Department, College, University	IRB Approval No.	Start Date	Reference No.	Research Project Status
Dr. Ahmed Al-Otaibi Dr. Omar Al-Osaimi Dr. Ziyad Al-Harbi	SDS Dept., College of Dentistry, King Saud University	-	10/7/2018	IR 0275	Completed
Faika Abdelmegid Lamya Alhomaiddhi Shatha Alfarraj	POS & DDS Dept. College of Dentistry, King Saud University	-	15/07/18	FR 0421	Completed
NA	Riyadh College	-	18/07/18	Receipt # 1236	Completed
Dr. Fahim Ahmed Vohra Dr. Ziyad M. Alzahrani	SDS Dept., College of Dentistry, King Saud University	-	19/07/18	FR 0442	Completed
Noura Al Rasheed	POS Dept., College of Dentistry, King Saud University	E-18-3216	26/07/18	IR 0282	Completed
Maram AlDosari	POS Dept., College of Dentistry, King Saud University	E-18-3016	5/8/2018	FR 0435	Completed

No.	Researcher's Name	Classification	Department, College, University	Research Project Title	Research Supervisor
52	Abdulelah Andejani	Student	College of Dentistry, King Saud University	Influence of Electronic Cigarettes Smoking (Vaping) in Comparison to Conventional Cigarette Smoking on the Color Stability of Composite and <i>Acrylic Resin Materials</i>	Fahim Vohra
53	Dr. Sarah Sultan Al-Angari	Faculty – Assistant Professor	RDS Dept., College of Dentistry, King Saud University	Susceptibility of Simulated Stained-Remineralized Caries Lesions In Vitro to Re-Staining after Dental Bleaching	NA
54	Nouf AlZaaqi	Intern	College of Dentistry, King Saud University	An In Vitro Evaluation of the Effect of Surface-Finishing Procedure on the Stainability of CAD/CAM Ceramic Materials	Ala'a Abu-obaid
55	Sumia Suleiman Alyousef	Intern	College of Dentistry, King Saud University	The Effect of Modifying the Application Methods for Resin Infiltrant Material on its Penetration Depth	Dr. Ahmed Almahdy
56	Arwa Almashhaf	Intern	College of Dentistry, King Saud University	Wear and Surface Roughness of Commercially Available Dental Ceramic Materials	Dr. Hanan Sunbol
56	Sara AlAathy	Intern	College of Dentistry, King Saud University	Fracture Resistance of Roots Obturated with Bioceramic and Epoxy Resin-Based Sealers: In-Vitro Study	Dr. Amal Al-mohaimede

Co-Investigator's Name	Department, College, University	IRB Approval No.	Start Date	Reference No.	Research Project Status
Osama Alamri Abdulaziz Alshehri	SDS Dept., College of Dentistry, King Saud University	-	12/7/2018	FR 0411	Completed
Sara Ibrahim Eisa	College of Dentistry, King Saud University	E-18-3162	13/09/18	FR 0453	Completed
Amjad AlMawash Noura AlYabis	SDS Dept., College of Dentistry, King Saud University	-	13/09/18	IR 0281	Completed
Raghd Saud Albader Noor Abdulaziz Tulbah	POS Dept., College of Dentistry, King Saud University	E-18-3169	18/09/18	IR 0283	Completed
Dr. Khold Alahdal Alhanouf Alameel	RDS Dept., College of Dentistry, King Saud University	-	20/09/18	IR 0279	Completed
Dania AlManie	RDS Dept., College of Dentistry, King Saud University	E-18-3330	10/10/2018	IR 0287	Completed

No.	Researcher's Name	Classification	Department, College, University	Research Project Title	Research Supervisor
57	Sateesh Haralur	Faculty – Associate Professor	King Khalid University	Comparison of Microleakage Between Different Restorative Materials to Restore the Secondary Caries at crown Margin	NA
58	Abdulmajeed Assiri	Post- graduate Student	Riyadh Elm University	Assessment of Adhesion Strength to Dentin by Using Two Different Systems of Flowable Resins Composite In Vitro Study	Dr. Roula Albanni
59	Dr. Salem Al Harthy	Intern	King Khalid University	Effectiveness of Different Cleaning Agents on Bonding Strength of Various Restorations to the Tooth Surface Contaminated with Blood / Saliva	Dr. Sateesh Haralur
60	Dr. Sateesh Haralur	Faculty – Associate Professor	King Khalid University	Pushout Bond Strength Fiber Reinforced Resin Posts in Endodontically Treated Teeth Restored with Mineral Trioxide Aggregate, Relined Fiber Post and Reshaped Canals	NA
61	Rayan Eskandrani	Post- graduate Student	Riyadh Elm University	Comparison Study of Color Stability of Two Different Systems of Resin Cement	Dr. Roula Albanni

Co-Investigator's Name	Department, College, University	IRB Approval No.	Start Date	Reference No.	Research Project Status
Ahmed Ghaseb Noorah Qahtani	King Khalid University	-	14/10/18	Receipt # 1237	Ongoing
NA	Riyadh Elm University	RC/IRB/2018/1227	22/10/18	Receipt # 1238	Ongoing
Saed Abuhasel Khaled Al Nhri	King Khalid University	SRC/ETH/2018-19/008	31/10/18	Receipt # 1239	Ongoing
Asma Al Garni Mona Assiri	King Khalid University	SRC/ETH/2017-18/084	11/11/2018	Receipt # 1241	Ongoing
NA	Riyadh Elm University	-	13/11/18	Receipt # 1242	Ongoing

No.	Researcher's Name	Classification	Department, College, University	Research Project Title	Research Supervisor
62	Adel Abdelmoneam	Intern	King Khalid University	Survival of Indirect Chair-Side Composite Cores on Loading	Khalid Abdelaziz
63	Wajdy Alqattan	Post- graduate Student	Riyadh Elm University	The Effect of Vitro Aging on the Flexural strength of Monolithic Cubic Tetragonal Translucency Zirconia	Dr. Fawaz Alqahtani
64	Dr. Mohammad AlObaida	Faculty – Associate Professor	RDS Dept., College of Dentistry, King Saud University	Evaluation of XP Endo Finisher and Diode Laser in Root Canal Irrigation (An In Vitro Study)	NA

Co-Investigator's Name	Department, College, University	IRB Approval No.	Start Date	Reference No.	Research Project Status
Amjad Al-Whlan Ohood Saeed Al-merei	King Khalid University	SRC/ETH/٠١٧/١٩-٢٠١٨	١٨/١١/٢٠	Receipt # ١٢٤٤	Ongoing
NA	Riyadh Elm University	FPGRP/٢٠٧/٤٣٧٣٢٠٠٢	١٨/١١/٢٢	Receipt # ١٢٤٥	Ongoing
Reina Moukaddem Dr. Ebtisam Al-Madi Dr. Ziyad Allahem	College of Dentistry, King Saud University	E٢٧٣٨-١٧-	١٨/١١/٢٩	FR ٠٤١٧	Ongoing

No.	Researcher's Name	Classification	Department, College, University	Research Project Title	Research Supervisor
1	Prof. Rita Khoun-ganian	Faculty	DDS, College of Dentistry, King Saud University.	Human age estimation from dental cementum.	Prof. Rita Khounganian
2	Dr. Dana Alsenan	Post- graduate Student	RDS, College of Dentistry, King Saud University	The Effect of Different Light Curing Units and Tip Distances on Polymerization Efficiency of Bulk Fill Materials.	Dr. Hend Alnahedh
3	Dr. Hussain Alattas	Faculty	Physical Science, College of Science, King Saud University.		Dr. Taib Aouaq
4	Dr. Sara Mousa	Intern	POS, College of Dentistry, King Saud University	Effect of anticaries agents on some mechanical and physical properties of different restorative materials.	Prof. Fouad Salama
5	Dr. Turki Almayman	Intern	College of Dentistry, Ministry of Health	Evaluation of surface roughness of different glass ionomer cement using two different method of polishing technique.	Dr. Ahmed Al Qahtani
6	Dr. Nohair Alsuhai-bani	Intern	RDS, College of Dentistry, King Saud University	Shear bond strength of self-adhesive resin composites to dentin.	Dr. Norah Sibai
7	Dr. Fulwah Al Qahtani	Faculty	Pharmaceutics, College of Pharmacy, King Saud University	Preparation of curbumersion nanoparticles.	Dr. Fulwah Al Qahtani

Co-Investigator's Name	Department, College, University	IRB Approval No.	Start Date	Reference No	Research Project Status
Dr. Danah Al Mubarak. Dr. Nouf Al Samari.	DDS, College of Dentistry, King Saud University.	-	3/10/2017	IR 0190	Completed
Dr. Abdullah Alayed	RDS Dept., College of Dentistry, King Saud University	-	10/10/2017	PR 0239	Completed
Dr. Taib Aouaq	Physical Science, College of Science, King Saud University.	-	18/10/17	-	Completed
Masha'el Al Omran, Fouad Salama	POS, College of Dentistry, King Saud University	-	2/11/2017	FR 0391	Completed
Dr. Ahmed Al Qahtani	College of Dentistry, Ministry of Health	-	19/11/17	-	Completed
Dr. Aminah ElmMourad Dr. Raghad Alahmadi Dr. Sara Aldosary	RDS, College of Dentistry, King Saud University	-	21/11/17	IR 0235	Completed
Dr. Fulwah Al Qahtani	Pharmaceutics, College of Pharmacy, King Saud University	-	27/11/17	-	Completed

No.	Researcher's Name	Classification	Department, College, University	Research Project Title	Research Supervisor
8	Waseem Saeed	Researcher	Chemistry, College of Science, King Saud University		Dr. Aouak
9	Dr. Dalal Al Othaibi	Faculty	PCS, College of Dentistry, King Saud University	Fabrication, characterization and pharmaceutical applications of some green electrospun nanofibers.	Dr. Dalal Al Othaibi
10	Dr. Nazrul Haq	Faculty	Pharmaceutics, College of Pharmacy, King Saud University	The encapsulation efficiency of hercaptin loaded agarose, alginate and PLGA polymers an evaluation and characterization.	Prof Ibrahim Al Sarra
11	Prof Fars Alanazi	Faculty	Pharmaceutics, College of Pharmacy, King Saud University	Nanotechnology to enhance solubility	Prof Fars Alanazi
12	Dr. Eman Almuzaini	Intern	College of Dentistry, King Saud University	The effect of irrigation temperature on cyclic fatigue resistance of heat treated nickel titanium rotary file	Dr. Hussam Al Fawaz
13	Dr. Fahd Alsalleeh	Faculty	RDS, College of Dentistry, King Saud University	The effectiveness of calcium hydroxide paste mixed with 2% chlorhexidine solution agent against candida albicans infected human roots.	Dr. Fahd Alsalleeh
14	Dr. Banna AlNoufaïy	Post Graduate	Perio, College of Dentistry, King Saud University	The osteogenesis potential of chitosan coated implant.	Dr. Khalid AlHamdan
15	Dr. Manal AlKadi	Post Graduate	Endo, College of Dentistry, King Saud University	Ex vivo microbial leakage analysis of polytetrafluoroethylene tape and cotton pellet as endodontic access cavity spacers	Dr. Fahd Alsalleeh

Co-Investigator's Name	Department, College, University	IRB Approval No.	Start Date	Reference No	Research Project Status
Dr. Aouak	Chemistry, College of Science, King Saud University	-	17/12/17	-	Completed
Dr. Mohamed El-Newehy Dr. Abdurahman Niazy	PCS, College of Dentistry, King Saud University	-	4/12/2017	FR 0410	Completed
Dr. Faiyaz Shakeel	Pharmaceutics, College of Pharmacy, King Saud University	-	19/12/17	FR 0232	Completed
Prof Fars Alanazi	Pharmaceutics, College of Pharmacy, King Saud University	-	12/1/2018	-	Completed
Dr. Abdullah AlQedairi Dr. Hala Alsharekh Dr. Shahd Alzahrani	College of Dentistry, King Saud University	-	22/01/18	IR 0239	Completed
Dr. Amani Almohaimeed Dr. Anfal Almoqbel	RDS, College of Dentistry, King Saud University	-	23/01/18	IR 0249	Completed
Dr. Khalid AlHamdan	College of Dentistry, King Saud University	-	23/01/18	PR 0074	Completed
Dr. Fahd Alsalleeh	College of Dentistry, King Saud University	-	31/01/18	PR 0060	Completed

No.	Researcher's Name	Classification	Department, College, University	Research Project Title	Research Supervisor
16	Dr. Abdullah Alghamdi	College of Dentistry, King Saud University	College of Dentistry, King Saud University	Influence of Er:Cr:YSGG, laser treatment on the surface , adhesive strength and microleakage of enamel and dentin when bonded to resin composite.	Dr. Fahim Vohra
17	Al Jawharah Mansour Angari	Post Graduate	Physical Chemistry, College of Science, King Saud University	Protective coating of C-steel using nanocomposites prepared from polystyrene and clay impregnated with some inhibitors.	Dr. Layla AlJuhaiman
18	Dr. Shahad AlHarran	Faculty	RDS, College of Dentistry, King Saud University	Shear bonding strength of biodentine to different luting cements	Dr. Kholod Almanie
19	Dr. Rahaf Zawawi	Intern	College of Dentistry, King Saud University	Influence of Er:Cr:YSGG, laser on the strength and surface lithium disilicate ceramic when bonded to resin composites	Dr. Fahim Vohra
20	Dr. Dalal Al Othaibi	Faculty	PCS, College of Dentistry, King Saud University	Fabrication, characterization and pharmaceutical applications of some green electrospun nanofibers.	Dr. Dalal Al Othaibi
21	Dr. Rahaf Zawawi	Intern	College of Dentistry, King Saud University	Influence of Er:Cr:YSGG, laser on the strength and surface lithium disilicate ceramic when bonded to resin composites	Dr. Fahim Vohra

Co-Investigator's Name	Department, College, University	IRB Approval No.	Start Date	Reference No	Research Project Status
Dr. Tariq Abduljabbar Dr. Mohammed Aldakkan Dr. Sultan Alharthi Dr. Osamah Alturaiqi	College of Dentistry, King Saud University	-	11/2/2018	IR 0243	Completed
Dr. Layla Aljuhaiman	Physical Chemistry, College of Science, King Saud University	-	8/2/2018	-	Completed
Dr. Kholod Almanie	RDS, College of Dentistry, King Saud University	-	5/3/2018	IR 0257	Completed
Dr. Abeer Al Hussaini Dr. Maha Al Jarboua	College of Dentistry, King Saud University	-	6/3/2018	IR 0231	Completed
Dr. Mohamed El-Newehy Dr. Abdurahman Niazy	PCS, College of Dentistry, King Saud University	-	19/03/18	FR 0410	Completed
Dr. Abeer Al Hussaini Dr. Maha Al Jarboua	College of Dentistry, King Saud University	-	20/03/18	IR 0231	Completed

No.	Researcher's Name	Classification	Department, College, University	Research Project Title	Research Supervisor
22	Dr. Tariq Abduljabbar	College of Dentistry, King Saud University	College of Dentistry, King Saud University	Influence of Er:Cr:YSGG, laser treatment on the surface , adhesive strength and microleakage of enamel and dentin when bonded to resin composite.	Dr. Fahim Vohra
23	Dr. Rahaf Zawawi	Intern	College of Dentistry, King Saud University	Influence of Er:Cr:YSGG, laser on the strength and surface lithium disilicate ceramic when bonded to resin composites	Dr. Fahim Vohra
24	Dr. Banna AlNoufaay	Post Graduate	Perio, College of Dentistry, King Saud University	The osteogenesis potential of chitosan coated implant.	Dr. Khalid AlHamdan
25	Dr. Hala Alsharekh	Intern	College of Dentistry, King Saud University	The effect of irrigation temperature on cyclic fatigue resistance of heat treated nickel titanium rotary file	Dr. Hussam Al Fawaz
26	Dr. Fahd Alsalleeh	Faculty	RDS, College of Dentistry, King Saud University	The effectiveness of calcium hydroxide paste mixed with 2% chlorhexidine solution agent against candida albicans infected human roots.	Dr. Fahd Alsalleeh
27	Dr. Deema Al Shammery	Faculty	College of Dentistry, Riyadh ELM University	Color stabilities of ceramics brackets after exposure to staining agents in vitro study	Dr. Deema Al Shammery

Co-Investigator's Name	Department, College, University	IRB Approval No.	Start Date	Reference No	Research Project Status
Dr. Abdullah Alghamdi Dr. Mohammed Aldakkan Dr. Sultan Alharthi Dr. Osamah Alturaiqi	College of Dentistry, King Saud University	-	27/03/18	IR 0243	Completed
Dr. Abeer Al Hussaini Dr. Maha Al Jarboua	College of Dentistry, King Saud University	-	26/03/18	IR 0231	Completed
Dr. Khalid AlHamdan	College of Dentistry, King Saud University	-	2/4/2018	PR 0074	Completed
Dr. Abdullah AlQedairi Dr. Eman Almuzaini Dr. Shahd Alzahrani	College of Dentistry, King Saud University	-	4/4/2018	IR 0239	Completed
Dr. Amani Almohaimeed Dr. Anfal Almoqbel	RDS, College of Dentistry, King Saud University	-	10/5/2018	IR 0249	Completed
-	College of Dentistry, Riyadh ELM University	-	28/06/18	-	Completed

No.	Researcher's Name	Classification	Department, College, University	Research Project Title	Research Supervisor
28	Dr. Najla	Post Graduate	Endo, College of Dentistry, King Saud University	The effect of diluted calcium hydroxide on human fibroblast cytokines expression and antimicrobial activity against enterococcus faecalis	Dr. Fahd Alsalleeh
29	Dr. Ahmed Al Othaibi	Intern	College of Dentistry, King Saud University	The cutting efficiency and durability of different crown cutting diamond burs on zirconia using high speed electric handpiece	Dr. Abdulaziz Al Qahtani
30	Dr. Hussam Al Fawaz	Intern	RDS, College of Dentistry, King Saud University	The effect of irrigation temperature on cyclic fatigue resistance of heat treated nickel titanium rotary file	Dr. Hussam Al Fawaz
31	Dr. Aminah El Mourad	Faculty	College of Dentistry, King Saud University	The effect of post operative home bleaching using 15% carbamide peroxide on the shear bond strength of different adhesives to enamel.	Dr. Aminah El Mourad
32	Dr. Ahmed Al Othaibi	Intern	College of Dentistry, King Saud University	The cutting efficiency and durability of different crown cutting diamond burs on zirconia using high speed electric handpiece.	Dr. Abdulaziz Al Qahtani
33	Dr. Meera Moydeen	Researcher	Chemistry, College of Science, King Saud University	Fabrication and characterizations of nanofiber	Dr. Meera Moydeen
34	Dr. Asman Al Qarni	Intern	College of Dentistry, King Khalid University	Effect of different NiTi alloy on crack formation in root dentine	Dr. Satheesh B. haralur
35	Dr. Saeed Al Qahtani	Faculty	Pharmaceutics, College of Pharmacy, King Saud University	Design of crythrocytes membrane loaded nano carriers of 5 – flurouracil for liver cancer	Dr. Saeed Al Qahtani

Co-Investigator's Name	Department, College, University	IRB Approval No.	Start Date	Reference No	Research Project Status
-	RDS, College of Dentistry, King Saud University	-	1/7/2018	PR 0061	Completed
Dr. Omar Al Osaimi Dr. Ziyad Al harbi Dr. Fahad Al Juwair	College of Dentistry, King Saud University	-	16/07/18	IR 0275	Completed
Dr. Abdullah AlQedairi Dr. Eman Almuzaini Dr. Hala Alsharekh Dr. Shahd Alzahrani	RDS, College of Dentistry, King Saud University	-	9/9/2018	IR 0239	Completed
-	College of Dentistry, King Saud University	-	12/9/2018	FR 0432	Completed
Dr. Omar Al Osaimi Dr. Ziyad Al harbi Dr. Fahad Al Juwair	College of Dentistry, King Saud University	-	29/10/18	IR 0275	Completed
-	Chemistry, College of Science, King Saud University	-	6/11/2018	-	Completed
-	College of Dentistry, King Khalid University	-	20/11/18	-	Completed
-	Pharmaceutics, College of Pharmacy, King Saud University	-	4/12/2018	-	Completed

No.	Researcher's Name	Classification	Department, College, University	Research Project Title	Research Supervisor
1	Dr.Dina Alassaf	NA	King Saud University	Microbiological Analysis of three Types of Posts Used for Restoring Endodontically Treated Teeth	Dr.Hamad albagieh Dr.Mohammed Alshehri Dr.Hadi Alamri
2	Dr.Mohammad alsarhan	NA	King Saud University	Comparing The Effect of Different Surface Roughness of Bulkfill Composite on Streptococcus Mutans Bacterial Adhesion	Dr.Mohammad alsarhan
3	Dr.Hussam AlFawaz	NA	King Saud University	<u>The Effect of Irrigation Temperature on Cyclic Fatigue Resistance of Heat Treated Nickel Titanium Rotary File</u>	Dr.Hussam AlFawaz Dr.abdullah AlQedairi
4	Dr.Eman Ibrahim Abouobaid	NA	King Saud University	<u>Comparative Evaluation of the Antimicrobial Effects of Different Mouthrinses Against Oral Pathogens:An In Vitro Study</u>	Dr.Fouad Salama
5	Prof.Nasser Albagieh	NA	King Saud University	<u>Sanitizing Shopping Carts Handles Using UV Light Source</u>	Prof.Nasser Albagieh

Co-Investigator's Name	Department, College, University	IRB Approval No.	Start Date	Reference No	Research Project Status
Dr.Dina Alassaf Dr.Rawan Alkhalaf	NA		6-May-18	FR0448	Ongoing
Dr.Rawan AlDobayan Dr.Haifa AlMutairi Dr.Ibtesam AlOhali	NA		13-Nov-18	IR0278	Ongoing
Dr.Hala Alsharekh Dr.Eman AlMuzaini Dr.Shahd AlZahrani	NA		12-Nov-18	IR0239	Completed
	NA		20-Nov-17	PR0070	Ongoing
Dr.Layan Alsultan	NA		27-Aug-18	FR0452	Ongoing

Molecular and Cell Biology Laboratory

Research facilities & Projects



Molecular and Cell Biology
Laboratory
in collaboration with
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The Centrifuge 5418 / 5418 R is intended exclusively for indoor use and for separating aqueous solutions and suspensions of various densities in approved test tubes.



SIGMA 3-30KS REFRIGERATED CENTRIFUGE

Centrifuges are power-driven machines that separate liquids from solid matter, liquid mixtures, or solid mixtures by centrifugal force. They are solely intended for this purpose.

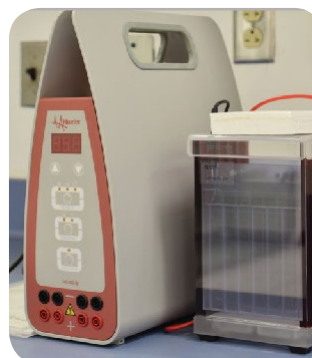
BIOTEK® SYNERGY™ MICROPLATE READER

The Bio-Tek Synergy HT has a 4-Zone temperature control system that ensures superior temperature uniformity necessary for kinetic assays. With a compact footprint and robot-accessible carrier design- the Bio-Tek Synergy HT is also compatible with most automated systems.



HOEFER® POWER SUPPLY

Hoefer offers a range of Power Supplies that provide all of the voltage, current and advanced functions used by all Hoefer electrophoresis (vertical & horizontal) Western transfers (Tank & Semi-Dry) and electro-elution units. These versatile units have all been Safety Certified at the highest standard (EN61010- 1, CE) and include additional safety features to prevent both injury and damage including short circuit protection and open circuit detection.





FLUOROSKAN ASCENT MICROPLATE FLUOROMETER AND LUMINOMETER

The Fluoroskan Ascent Microplate Fluorometer is ideal for life science research applications, such as fluorometric protein and enzyme studies, molecular interactions, nucleic acid quantification, reporter gene, fluorometric kinase, immuno and cell based assays.



APPLIED BIOSYSTEMS REAL-TIME PCR SYSTEM

The 7500 Real-Time PCR System is a versatile, leading-edge platform providing enhanced performance capabilities and an upgrade path to high-speed thermal cycling. Five-color detection system provides the flexibility to perform a variety of applications including gene expression analysis, SNP genotyping and plus/minus assays that utilize internal positive controls.

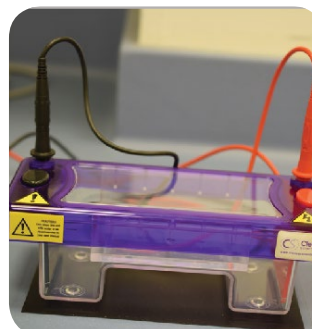
VACUUM SYSTEM

This chemistry vacuum system has a wide range of applications like evacuation, evaporation and pumping of gases and vapors in chemical, biological and pharmaceutical laboratories where there are no requirements for condensation of solvent vapors at the outlet. Typical applications are vacuum concentrators, gel dryers and filtration. The separator at the inlet (AK), made of glass with protective coating, retains particles and liquid droplets. The separator at the outlet collects condensate, avoids condensate backflow towards the pump, and reinforces the whisper-quiet operation of the pump.



BIO-RAD WIDE MINI-SUB CELL GT SYSTEM (HORIZONTAL ELECTROPHORESIS)

Bio-Rad provides variety of submerged horizontal electrophoresis cells that are ideal for DNA gel electrophoresis. All cells include components for casting gels. The Mini-Sub® cell GT and wide Mini-Sub cell GT DNA electrophoresis systems can be used with ReadyAgarose pre-cast gels..





NIKON INVERTED MICROSCOPE

The TS100 inverted routine microscope produces sharp, brilliantly clear images, while achieving longer working distances and higher numerical apertures. It is ideal for applications such as tissue culture, plaque measurement and blood typing.



NIKON INVERTED MICROSCOPE

This microscope and associated units are intended mainly for use of microscopic observation and in the micromanipulation of living cells and tissue using diascope and episcopic illumination. They are designed for the main purposes of experimentation and observation.

OLYMPUS INSPECTION MICROSCOPE

The Olympus MX51 Industrial Inspection Microscope is cost-effective and optimized for the inspection requirements of a variety of electronic components, wafers and large samples.



WISESTIR® DIGITAL HOTPLATE STIRRER

It is designed for chemical, biological, medical and pharmaceutical high temperature stirring-applications.





THERMO SCIENTIFIC™ HAMILTON SAFEAIRE® FUME HOOD (FUME HOOD 4 FT)

It is an enclosed, ventilated laboratory workspace for safely working with materials contaminated with (or potentially contaminated with) pathogens requiring defined biosafety level. The primary purpose of a BSC is to serve as a means to protect the laboratory worker.



METTLER TOLEDO PRECISION BALANCE PB 303-S

The B-S/FACT balance line ranges from high-resolution analytical balances (AB-S/FACT) with a readability of 0.1 mg / 0.01 mg through to precision balances (PB-S/FACT) with a readability of 0.001g to 1g. The weighing ranges extend from 51g to 8.1kg. In addition to basic weighing operations such as weighing, taring and adjusting (calibration) the functions “Piece counting”, “Percent weighing”, “Free Factor” or “Dynamic weighing” (automatic or manual start) can be activated.

JENWAY PH & CONDUCTIVITY METER (3540 PH & CONDUCTIVITY METER (9VAC, 6VA)

This is a dual channel, dual readout instrument that displays both pH and conductivity values simultaneously. It is designed to show both readings in real time and eliminates cross channel interference, as well as the need to either switch manually or automatically between measurements.



POBEL HOTPLATE AND STIRRER

Hotplate and stirrer with excellent heat-resistance, front board with switches and pilots for stirring and agitation, electronic controller from +5°C up to 380°C. Excellent speedo control provides precise high and low speed operation and a gentle operation, from 60 up to 1500 r.p.m. Aluminum casting body, high density ceramic coated stainless steel top plate gives a perfect chemical resistance especially against strong acid and against blows.



MCB LABORATORY

REGISTERED RESEARCH PROJECTS



No.	Researcher's Name	Classification	Department, College, University	Research Project Title	Research Supervisor/ Principal Investigator's Name	Co-Investigator's Name
1	Dr. Ahmed S. Albakri	Faculty - Demonstrator	SDS Dept., College of Dentistry, King Saud University	Explant Culture of Fibroblasts from Gingival Tissue (Pilot Study)	NA	NA
2	Dr. Deema S. Flemban	Faculty - Lecturer	RDS Dept., College of Dentistry, King Saud University	Cytotoxicity of Octenisept and Alexidine and Their Effect on Cell Adherence to Dentin Surface	NA	NA
3	Dr. Yasmeen R. Talic	Post-graduate Student (Masters)	POS Dept., College of Dentistry, King Saud University	Effect of Zoledronate on the Micro-mechanical Properties of Resin Bonding Systems	Dr. Ahmed E. Almahdy	NA
4	Dr. Bader K. Albalkhi	Intern	College of Dentistry, King Saud University	Comparison of the Efficacy of Two Enamel Sealants In Preventing Demineralization Around Orthodontic Brackets: An In Vitro Study	Prof. Abdullah M. Aldrees	Dr. Ahmed E. Nasser
5	Dr. Najla M. Binanzan	Post-graduate Student (Masters)	RDS Dept., College of Dentistry, King Saud University	The Effect of Diluted Calcium Hydroxide on Human Fibroblast Cytokines Expression and Anti-microbial Activity Against Enterococcus Faecalis	Dr. Fahd Alsalleeh	NA

Department, College, University	MCB Laboratory Reference No.	IRB Approval No.	Start Date	Completion Date	Research Project Status
NA	FS2016-12-0001	-	28/12/2016	28/01/2017	Completed
NA	FS2017-03-0001	-	26/03/2017	27/04/2017	Completed
POS Dept., College of Dentistry, King Saud University	S2016-12-0001	-	21/12/2016	21/02/2017	Completed
POS Dept., College of Dentistry, King Saud University	S2016-10-0002	-	30/10/2016	1/1/2017	Completed
RDS Dept., College of Dentistry, King Saud University	S2016-12-0002	-	19/02/2017	22/03/2018	Completed

No.	Researcher's Name	Classification	Department, College, University	Research Project Title	Research Supervisor/ Principal Investigator's Name	Co-Investigator's Name
6	Dr. Olla Rejjal	Intern	College of Dentistry, King Saud University	Enamel Demineralization Around Metal and Ceramic Brackets: In Vitro Study	Dr. Naif A. Almosa	Dr. Abdulmohsen Alqasir Dr. B eshayar Sibai
7	Dr. Reem Almutairi	Intern	College of Dentistry, King Saud University	The Effect of Salivary pH on Color Stability and Surface Roughness of Different Acrylic Resin Materials	Dr. Sara A. Alfadda	Dr. Hanan N. Alotaibi Dr. Nouf S. Alshaalan Dr. Roba H. Alqarni
8	Dr. Manal F. Alkadi	Post-graduate Student (Masters)	RDS Dept., College of Dentistry, King Saud University	Ex Vivo Microbial Leakage Analysis of Polytetrafluoroethylene Tape and Cotton Pellet as Endodontic Access Cavity Spacers	Dr. Fahd Alsalleeh	NA
9	Dr. Salma Alkhuwaitir	Intern	College of Dentistry, King Saud University	Estrogen Receptor-1's Gene Polymorphism in Saudi Females with Temporomandibular Joint Disorder / Correlation of Salivary Biomarkers to Temporomandibular Disorders in Saudi Females	Dr. Huda A. Alshehri	Dr. Asma Faden Dr. Ghada Alharbi
10	Dr. Somaya Alwthnani	Post-graduate Student (Masters)	RDS Dept., College of Dentistry, King Saud University	Effects of Hygroscopic Expansion and Water Sorption on the Interfacial Gap of Bulk Resin-based Materials	Prof. Ahmed Hejazi	NA

Department, College, University	MCB Laboratory Reference No.	IRB Approval No.	Start Date	Completion Date	Research Project Status
POS Dept., College of Dentistry, King Saud University	S2016-12-0003	-	2/1/2017	11/1/2017	Completed
SDS Dept., College of Dentistry, King Saud University	S2017-01-0001	-	3/1/2017	3/2/2017	Completed
RDS Dept., College of Dentistry, King Saud University	S2017-01-0002	-	29/01/2017	1/3/2018	Completed
SDS Dept., College of Dentistry, King Saud University	S2017-02-0001	-	8/2/2017	1/3/2018	Completed
RDS Dept., College of Dentistry, King Saud University	S2017-04-0001	-	20/04/2017	20/05/2017	Completed

No.	Researcher's Name	Classification	Department, College, University	Research Project Title	Research Supervisor/ Principal Investigator's Name	Co-Investigator's Name
11	Lamya M. Alho- maidhi	Undergradu- ate Student	College of Dentistry, King Saud University	Pilot Study	Dr. Reem Alsulaimani	NA
12	Dr. Amani Almu- haimeed	Intern	College of Dentistry, King Saud University	The Effectiveness of Calcium Hydrox- ide Paste mixed with 2% Chlorohexa- dine Solution Against C. Albicans Infected Human Roots: An Ex- Vivo Study	Dr. Fahd Alsalleeh	Dr. Anfal Almo- qbel
13	Dr. Nuha A. Alshammari	Intern	College of Dentistry, King Saud University	Effect of Novel Tri-Metal Nanoparticles on Plaque Formation	Dr. Abdurahman A. Niazy	Dr. Wadha M. Alheadhal
14	Dr. Nouf M. Alkhu- naini	Intern	College of Dentistry, King Saud University	Comparison of Antibacterial Activity of BioRoot RCS, Endosequence BC and AH Plus Sealers Against Enterococcus Faecalis Biofilms In Dentin Canals: A Confocal Laser Microscope Analysis	Dr. Sara A. Alsubait	Dr. Ahmed E. Almahdy Dr. Norah Alajlan Dr. Shahad Albader
15	Dr. Mashael S. Alomran	Intern	College of Dentistry, King Saud University	Effect of Medicinal and Physical Prop- erties of Anticaries Agents on Different Restorative Materials	Prof. Fouad Salama	NA

Department, College, University	MCB Laboratory Reference No.	IRB Approval No.	Start Date	Completion Date	Research Project Status
RDS Dept., College of Dentistry, King Saud University	S2017-05-0001	-	28/05/2017	28/06/2017	Completed
RDS Dept., College of Dentistry, King Saud University	S2017-06-0001	E-17-2676	12/6/2017	20/4/2018	Completed
DDS Dept., College of Dentistry	S2017-09-0001	E-17-2645	1/9/2017	1/9/2018	Completed
RDS Dept., College of Dentistry, King Saud University	S2017-10-0001	E-17-2687	7/11/2017	10/5/2018	Completed
POS Dept., College of Dentistry, King Saud University	S2018-01-0001	-	1/1/2018	2/1/2018	Completed

No.	Researcher's Name	Classification	Department, College, University	Research Project Title	Research Supervisor/ Principal Investigator's Name	Co-Investigator's Name
16	Dr. Reina N. Moukaddem	Post-graduate Student (Masters)	RDS Dept., College of Dentistry, King Saud University	Evaluation of XP Endo Finisher and Diode Laser in Root Canal Irrigation (An Invitro Study)	Dr. Mohammed Alobaida	Dr. Ziyad H. Allahem Dr. Ebtisam Almadi
17	Dr. Anas O. Bahammam	Intern	College of Dentistry, King Saud University	Antibacterial Efficacy of Different Intra-canal Medicaments used in Regenerative Endodontic Treatment	Prof. Hanan A. Balto	Dr. Omar M. Alomran Dr. Badr F. Almutairi
18	Dr. Manar Aljamie	Intern	College of Dentistry, King Saud University	Antibacterial Effectiveness of Silver Diamine Fluoride as a Root Canal Irrigant	Dr. Amal Amohaimede	Dr. Noura Alowaid
19	Dr. Rawan M. Khalaf	Post-graduate Student (Doctorate)	POS Dept., College of Dentistry, King Saud University	The Effect of Vitamin D Deficiency on Orthodontic Tooth Movement	Prof. Abdullah M. Aldrees	NA
20	Dr. Mohammed I. Alobaida	Faculty - Associate Professor	RDS Dept., College of Dentistry, King Saud University	Assessment of Apical Extrusion Between Different Rotary and Irrigation Systems	NA	Dr. Ebtisam Almadi Dr. Ziyad H. Allahem Dr. Ibrahim S. Alaugaily

Department, College, University	MCB Laboratory Reference No.	IRB Approval No.	Start Date	Completion Date	Research Project Status
RDS Dept., College of Dentistry, King Saud University	S2018-01-0001	E-17-2738	12/18/2017	12/18/2018	Completed
RDS Dept., College of Dentistry, King Saud University	S2018-02-0001	E-17-2691	14/02/18	15/05/2018	Completed
RDS Dept., College of Dentistry, King Saud University	S2018-03-0001	-	3/27/2018	5/30/2018	Completed
POS Dept., College of Dentistry, King Saud University	LUR-S2018-11-0001	-	18/11/2018		On-going
RDS Dept., College of Dentistry, King Saud University	FS2018-03-0001	-	3/26/2018		On-going

No.	Researcher's Name	Classification	Department, College, University	Research Project Title	Research Supervisor/ Principal Investigator's Name	Co-Investigator's Name
21	Dr. Mohammed Alsarhan	Faculty - Assistant Professor	PCS Dept., College of Dentistry, King Saud University	Washing Effect of Different Mouth Rinses on Oral Bacterial Adherence to Silk Suture Threads	NA	Dr. Abdurahman Niazy Dr. Dalal Alharbi Hadeel Altulihe
22	Dr. Norah Alhowaish	Post-graduate Student (Masters)	RDS Dept., College of Dentistry, King Saud University	Explant Culture of Stem Cells from Human Apical Papilla (Pilot Study)	Dr. Ziyad H. Allahem	NA
23	Dr. Banna M. Alnoufaiy	Post-graduate Student (Doctorate)	PCS Dept., College of Dentistry, King Saud University	The Osteogenesis Potential of Chitosan Coated Implant: In Vitro Study	Dr. Khalid S. Alhamdan	NA
24	Dr. Marwa Y. Shaheen	Post-graduate Student (PhD)	PCS Dept., College of Dentistry, King Saud University	The Effect of Zoledronic acid on BMRMs: In Vitro Study	Dr. Hamdan S. Alghamdi	NA
25	Dr. Amani M. Basudan	Post-graduate Student (PhD)	PCS Dept., College of Dentistry, King Saud University	The Effect of Zoledronic acid on stem cells isolated from Osteoporotic and Healthy Rats: In Vitro Study	Dr. Hamdan S. Alghamdi	NA

Department, College, University	MCB Laboratory Reference No.	IRB Approval No.	Start Date	Completion Date	Research Project Status
DDS Dept., College of Dentistry	FS-001-0-2018	-	2018/8/5		On-going
RDS Dept., College of Dentistry, King Saud University	LUR-S-001-11-2018	-	2018/2/11		On-going
PCS Dept., College of Dentistry, King Saud University	S-001-12-2018	E280-18-			On-going
PCS Dept., College of Dentistry, King Saud University	S-001-14-2018	-	2018/4/1		On-going
PCS Dept., College of Dentistry, King Saud University	S-002-14-2018	-	2018/4/1		On-going

No.	Researcher's Name	Classification	Department, College, University	Research Project Title	Research Supervisor/ Principal Investigator's Name	Co-Investigator's Name
26	Dr. Areej H. Mukhtar	Post-graduate Student (Doctorate)	PCS Dept., College of Dentistry, King Saud University	Osteogenic Potential of Allogenic and Xenogenic Bone Blocks Cultured with Human Periodontal Ligament Stem Cells	Dr. Montaser N. Alqutub	NA
27	Dr. Raghd S. Albader	Intern	College of Dentistry, King Saud University	The Effect of Modifying the Application Methods for Resin Infiltrant Material on Its Penetration Depth	Dr. Ahmed E. Almahdy	Dr. Sumia S. Alyousef Dr. Noor A. Tulbah
28	Dr. Hanadi G. Alzahrani	Post-graduate Student (Doctorate)	PCS Dept., College of Dentistry, King Saud University	The Effect of Sleeve Gastrectomy on Halitosis	Dr. Hamad Alzoman	Dr. Mohamed A. Alsarhan
29	Dr. Nada S. Albusayli	External Researcher Post-graduate Student (Masters)	Oral Maxillofacial Surgery and Diagnostic Department, College of Dentistry, Riyadh Elm University	Methodological Approach for Salivary Gland Tissue Decellularization Used for Tissue Engineering	Dr. Dalal H. Alotaibi	NA
30	Dr. Rayan Alkurdi	Intern	College of Dentistry, King Saud University	Degree of Bacterial Colonization on Common Restorative Materials subjected to Wear Cycle	Dr. Sayed Rashid Habib	Dr. Fahad Allohaidan Dr. Asem Alshawih Dr. Abdulrahman Nakshabandi

Department, College, University	MCB Laboratory Reference No.	IRB Approval No.	Start Date	Completion Date	Research Project Status
PCS Dept., College of Dentistry, King Saud University	S2018-07-0001	-	7/19/2018	7/18/2019	On-going
POS Dept., College of Dentistry, King Saud University	S2018-09-0001	E-18-3169	6/9/2018	6/5/2019	On-going
PCS Dept., College of Dentistry, King Saud University	S2018-09-0002	E-18-3071			On-going
PCS Dept., College of Dentistry, King Saud University	S2018-09-0004	-	1/10/2018		On-going
SDS Dept., College of Dentistry, King Saud University	S2018-10-0001	-	2/10/2018		On-going

No.	Researcher's Name	Classification	Department, College, University	Research Project Title	Research Supervisor/ Principal Investigator's Name	Co-Investigator's Name
31	Dr. Dania M. Almadi	Intern	College of Dentistry, King Saud University	Decellularized Bovine Scaffold for Periodontal Regeneration	Dr. Dalal H. Alotaibi	Dr. Rawan K. Ateeq
32	Dr. Layla A. Albahrani	Post-graduate Student (Masters)	SDS Dept., College of Dentistry, King Saud University	Initial Bacterial Adhesion on Different Dental Materials (Pilot Study)	Dr. Abdulaziz R. Alsahhaf	NA
33	Dr. Moureq R. Alotaibi	Faculty - Assistant Professor	Dept. of Pharmacology and Toxicology, College of Pharmacy, King Saud University	The Role of Cardiotoxicity of Gefinitib on H9C2 Cells	NA	NA
34	Dr. Norah A. Albekairi	Faculty - Assistant Professor	Dept. of Pharmacology and Toxicology, College of Pharmacy, King Saud University	Development of Monoclonal Antibody Polymeric Nanoparticles for Treatment of Ocular Diseases	NA	Mead Alshegaig Noura Alowaifi
35	Dr. Ali Alhoshani	Faculty - Assistant Professor	Dept. of Pharmacology and Toxicology, College of Pharmacy, King Saud University	Aptamer Development	NA	NA

Department, College, University	MCB Laboratory Reference No.	IRB Approval No.	Start Date	Completion Date	Research Project Status
PCS Dept., College of Dentistry, King Saud University	S2018-10-0002	-	7/10/2018		On-going
SDS Dept., College of Dentistry, King Saud University	S2017-11-0001	-			In Process
	FS2017-01-0001	-	16/01/2017	16/02/2017	Completed
College of Pharmacy, King Saud University	FS2017-04-0001	-	19/04/2017	31/05/2017	Completed
	FS2018-07-0001	-	7/29/2018	8/30/2018	Completed

No.	Researcher's Name	Classification	Department, College, University	Research Project Title	Research Supervisor/ Principal Investigator's Name	Co-Investigator's Name
36	Dr. Aliyah A. Al-momen	Faculty - Assistant Professor	Dept. of Pharmaceutical Chemistry, College of Pharmacy, King Saud University	Toxicity and Safety of Metal Doped and Conjugated Nanoparticles	NA	Ashwag Abahussain
37	Dr. Norah A. Albekairi	Faculty - Assistant Professor	Dept. of Pharmacology and Toxicology, College of Pharmacy, King Saud University	Safety and Toxicity of Metal Doped and Conjugated Polymeric Nanoparticles in Cancer Cells	NA	NA
38	Dr. Ahmed Z. Alanazi	Faculty - Assistant Professor	Dept. of Pharmacology and Toxicology, College of Pharmacy, King Saud University	Role of AngIII on Map Kinases and JAK2/STAT3 Pathways in Cultured Rat VSMCs	Mr. Mohamed S. Elwatidy	NA
39	Hajar M. Alghamdi	Post-graduate Student (Masters)	Dept. of Pharmacology and Toxicology, College of Pharmacy, King Saud University	Effect of Fluoxetine Toll-like 7 Receptor Signaling Pathway in Environmental Isolation Depressive Rat Model	Dr. Tahani Alshammmary	NA
40	Dr. Khalid A. Alawam	External Researcher Faculty	RTS Dept., Inaya Medical College	Protein Profile of Camel Lungs	NA	Wesam Khalid Zainab Alismail Rahal Aldossari Zahra Almegren Zahra A. Almakarem

Department, College, University	MCB Laboratory Reference No.	IRB Approval No.	Start Date	Completion Date	Research Project Status
Dept. of Pharmaceutical Chemistry, College of Dentistry, King Saud University	LUR-R2018-11-0001	-	8/11/2018		On-going
NA	LUR-R2018-11-0002	-	8/11/2018		On-going
Dept. of Pharmacology and Toxicology, College of Pharmacy, King Saud University	LUR-R2018-11-0003	-	16/12/2018		On-going
Dept. of Pharmacology and Toxicology, College of Pharmacy, King Saud University	S2016-11-0001	-	1/1/2017	30/01/2018	Completed
RTS Dept., Inaya Medical College	S2017-12-0002	IRB 4/2/171	5/12/2017	30/03/2017	Completed

No.	Researcher's Name	Classification	Department, College, University	Research Project Title	Research Supervisor/ Principal Investigator's Name	Co-Investigator's Name
41	Haneen A. Almazroua	Post-graduate Student (Masters)	Dept. of Pharmacology and Toxicology, College of Pharmacy, King Saud University	Assessment of DNA Repair Efficiency in the Inbred BTBR T ^{tf} /J Mouse Model of Autism Spectrum Disorders Exposed to Gamma Rays and Treated with JNJ 7777120	Dr. Sabry Attia	NA
42	Abeer A. Alobaida	Post-graduate Student (Masters)	Dept. of Pharmacology and Toxicology, College of Pharmacy, King Saud University	The cardioprotective effect of Metformin against Gefitinib-induced Cardiotoxicity in Rats	Dr. Nouf Alrasheed	NA
43	Munirah Alohaydib	Post-graduate (Masters)	Dept. of Pharmacology and Toxicology, College of Pharmacy, King Saud University	Studying the Effect of Prevention of Doxorubicin-induced Senescence in Human Colon Cancer HCT116 Cells	Dr. Moureq R. Alotaibi	NA
44	Mai H. Alturaiki	Post-graduate Student (Masters)	Biomedical Physics Department, College of Science, King Saud University	Cytotoxicity of Trimetal Oxide (ZnCuFe ₃) Nanoparticles Against Cancer Cells	Dr. Khalid A. Alzahrani	Dr. Hamdan S. Alghamdi Dr. Abdurahman A. Niazy
45	Dr. Waleed Yousef Albayyali	Intern	College of Dentistry, King Saud University	Comparison of Cytotoxicity and Antibacterial Activity of BioCeramic Sealer Against Aerobic Bacteria and Anaerobic Bacteria to Other Endodontic Sealers	Dr. Ziyad H. Allahem	Dr. Hussam A. Alfawaz Dr. Abdullah S. Alqedairi Dr. Ibrahim H. Alissa Dr. Naif Aljoaid Dr. Abdullah Almohaser
46	Tahani Alotaibi	Post-graduate Student (Masters)	Zoology Dept., College of Science, King Saud University	Morphological and Molecular Characterization of Sarcocystis and Eimeria Species Isolated From Naturally Infected Camel in Saudi Arabia	Dr. Abdelhabib Semlali	NA

Department, College, University	MCB Laboratory Reference No.	IRB Approval No.	Start Date	Completion Date	Research Project Status
Dept. of Pharmacology and Toxicology, College of Pharmacy, King Saud University	S2017-12-0003	-	1/10/2018	2/1/2018	Completed
Dept. of Pharmacology and Toxicology, College of Pharmacy, King Saud University	S2018-01-0003	-	7/27/2018	10/30/2018	Completed
Dept. of Pharmacology and Toxicology, College of Pharmacy, King Saud University	S2018-05-0001	-	5/3/2018	3/27/2019	Completed
Physics and Astronomy Dept., College of Science, King Saud University	S2018-09-0003	-	26/09/2018		On-going
RDS Dept., College of Dentistry, King Saud University	S2018-10-0003	-	11/10/2018		On-going
College of Science, King Saud University	S2018-10-0004	-	29/10/2018	29/11/2018	Completed







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