


شناسنامه علمی

<p>دکتر حسین مزدارانی</p> <p>استاد گروه ژنتیک پزشکی، دانشکده علوم پزشکی، دانشگاه تربیت مدرس</p> <p>Email: mozdarah@modares.ac.ir Mozdarani_h@yahoo.com</p>	
--	--

نام: حسین

نام خانوادگی: مزدارانی

محل تولد: مزداران (دماوند) تاریخ تولد: ۱۳۳۵

آخرین مدرک تحصیلی: دکتری رشته تحصیلی: ژنتیک پزشکی با گرایش سیتوژنتیک پزشکی

محل اخذ: انگلستان

وضعیت تأهل: متأهل / دو فرزند

وضعیت استخدامی: رسمی قطعی مرتبه علمی: استاد پایه ۴۸

آدرس محل کار: گروه ژنتیک پزشکی، دانشکده علوم پزشکی - دانشگاه تربیت مدرس، تهران

صندوق پستی: ۱۱۱-۱۴۱۱۵- فاکس: ۸۰۰۶۵۴۴

تلفن محل کار: ۸۲۸۸۳۸۳۰

تلفن همراه: ۰۹۱۲۱۳۷۴۸۳۱

پست الکترونیک: Mozdarah@modares.ac.ir

سوابق تحصیلی:

Ph.D ژنتیک پزشکی با گرایش سیتوژنتیک پزشکی؛ از دانشگاه سنت آندروس انگلستان ۱۹۸۹

پایان نامه با عنوان:

Kinetics of X-ray induced chromatid aberrations in irradiated G2 normal and ataxia telangiectasia. cells and the influence of DNA repair inhibitors.

دوره های علمی:

دوره ۶ ماهه فرصت مطالعاتی در زمینه روشهای پیشرفته سیتوژنتیک و بررسی فرایند جابجایی روبرتسونی در سلولهای

SCID با روش FISH ۱۳۷۷

مطالعه منشا شکست های کروماتیدی (دوره یک ماهه سیتوژنتیک مولکولی) انگلستان ۱۳۸۵

دوره دو هفته ای آشنایی و کار با روش PRINS آنستیتو ژنتیک انسانی مونپولیه فرانسه ۱۳۸۴

شرکت در کارگاه عملی مولکولاریبولوژی در شیراز ۱۳۷۲

شرکت در کارگاه روش ترجمه، دانشگاه تربیت مدرس ۱۳۷۳

شرکت در کارگاه روش تدریس، دو دوره، دانشگاه تربیت مدرس.
 شرکت در کارگاه عملی روش PGD در دانمارک (کپنهاگ). ۱۳۷۹
 مجری و شرکت در کارگاه عملی روش PGD به روش FISH در پژوهشکده رویان ۱۳۸۰.
 مجری و شرکت در کارگاه عملی روش PGD به روش PRINS در پژوهشکده رویان ۱۳۸۲
 سخنران مدعو در دوره های فوریت ها و آمادگی در سوانح پرتوی IAEA در لبنان ۱۳۸۲ (یک هفته)
 سخنران مدعو در دوره های فوریت ها و آمادگی در سوانح پرتوی در دانشگاههای مختلف ایران ۱۳۸۳-۱۳۸۹ (۳-۵ روز)

سابقه و تجربیات تحقیقاتی

بررسی های مولکولی و سیتوژنتیکی در خصوص ناباروری مردان
 بررسی های مولکولی و سیتوژنتیکی در زمینه ناباروری زنان
 دزیمتری بیولوژیکی سیتوژنتیک و مولکولی
 بررسی های سیتوژنتیکی انواع نمونه های سرطانی یا سلولهای جنسی با روشهای سیتوژنتیک مولکولی FISH, PRINS
 بررسی بیان انواع ژن ها و پلی مورفیسم های ژنی در بیماران مبتلا به PCO
 بررسی ژنتیکی و سیتوژنتیکی ناباروری مردان و ناباروری زنان
 بررسی ژنتیکی و سیتوژنتیکی ناباروری انواع سرطان ها از جمله سرطان پستان؛ پروستات و معده
 - کار با انواع رده های سلولی اولیه و نامیرا به منظور تعیین خصوصیات کاربوتیبی آنها
 - اندازه گیری طول زمان مراحل مختلف چرخه سلولی با استفاده از روش اتورادیوگرافی
 - نشاندار کردن سلولهای با نشانه های رادیواکتیو به منظور بررسی عوامل بازدارنده سنتز DNA
 - بررسی سیتوژنتیکی سلولها متعاقب تیمار با آزیمیهای محدود اثر
 - دزیمتری بیولوژیکی افراد تابش دیده از دزهای کم پرتوهای X و گاما بطور شغلی
 - بررسی سیتوژنتیکی بیماران مبتلا به لوسمی پس از پرتو درمانی و شیمی درمانی با روشهای مختلف
 - استفاده از روشهای مختلف سیتوژنتیکی (آنالیز متافاز، PCC، آزمون میکرونوکلئ، نواربندی کروموزوم، SCE، comet) در شرایط *in vivo* و *in vitro* برای بررسی اثر کلاستوژنیک عوامل فیزیکی و شیمیایی
 - بررسی قابلیت حفاظت پرتوی داروهای مختلف از جمله آنتاگونیستهای گیرنده H2 هیستامین و ویتامین ها در شرایط *in vivo* و *in vitro* استفاده از روشهای مختلف سیتوژنتیکی، فرآیند اسپرمتوژنز و مراحل مختلف جنین
 - بررسی القای مقاومت پرتوی در لنفوسیت در شرایط *in vivo* و *in vitro* پس از تابشگیری از دزهای کم اشعه
 - بررسی اثر ترکیبی هیپوترمی با نوترون و دیگر عوامل آسیب رسان DNA
 - استفاده از لیزر گرمایی و داروهای مختلف شیمی درمانی برای مقابله با سلولهای سرطانی هیپوکسیک
 - مطالعه سیتوژنتیکی اووسیت های لقاح نیافته و جنینهای غیرقابل انتقال در روشهای IVF و ICSI

راهنمایی و مشاوره پایان‌نامه‌ها

– راهنمایی:

پایان‌نامه دکتری تخصصی ۳۰ عنوان ۴ عنوان در دست اجرا

پایان‌نامه دکتری حرفه‌ای ۲ عنوان

پایان‌نامه کارشناسی ارشد ۱۳۰ عنوان ۴ عنوان در دست اجرا

– مشاوره:

پایان‌نامه دکتری تخصصی ۶ عنوان

عنوان کارشناسی ارشد ۶ عنوان

مجری طرح تحقیقاتی مستقل ۱۲ عنوان

سابقه آموزشی:

تدریس سیتوژنتیک پزشکی در دوره های دکتری و کارشناسی ارشد ژنتیک پزشکی

تدریس سیتوژنتیک مولکولی دوره دکتری ژنتیک پزشکی

تدریس ژنتیک سرطان دوره دکتری ژنتیک پزشکی

تدریس رادیوبیولوژی دوره کارشناسی ارشد رادیولوژی

تدریس دزیمتری بیولوژیکی کارشناسی ارشد رادیوبیولوژی

تدریس آسیب شناسی پرتوی سلولهای بنیادی ارشد رادیوبیولوژی

تدریس، رادیوبیولوژی، برای دوره‌های دکتری و فوق لیسانس فیزیک پزشکی، فوق لیسانس و لیسانس،

رادیولوژی و رادیوتراپی، لیسانس و دکتری علوم جانوری

تدریس: سیتوژنتیک و عوامل سرطانزا، برای دانشجویان کارشناسی ارشد ژنتیک

تدریس: کاربرد مواد رادیواکتیو در پزشکی، برای دانشجویان کارشناسی ارشد رشته های خونشناسی، بیوشیمی و

ایمنی‌شناسی

تدریس: ژنتیک پزشکی، برای دانشجویان کارشناسی ارشد خونشناسی، فیزیک پزشکی و دکتری پزشکی و

دندانپزشکی

در دانشگاه‌های: تربیت مدرس، علوم پزشکی تهران، شهید بهشتی، رفسنجان، زاهدان و تحقیقات دانشگاه آزاد

اسلامی

مسئولیتها و فعالیتهای اجرایی - علمی:

استاد گروه ژنتیک پزشکی دانشگاه تربیت مدرس

دبیر علمی سمینار یکروزه کنگره انکولوژی بالینی ۱۳۹۸

دبیر علمی سمینار یکروزه کنگره انکولوژی بالینی ۱۳۹۷

دبیر علمی کنگره بین المللی آزمایشگاه و بالین سال ۱۳۹۷

مدیر گروه ژنتیک پزشکی از آذر ماه ۹۶ تاکنون

عضو هیات ممیزه پژوهشگاه ملی مهندسی ژنتیک و زیست فناوری. از آذر ۹۵

صاحب امتیاز و سردبیر مجله بین المللی *International Journal of Radiation Research*. از ۱۳۹۱ - ادامه

دارد

سردبیر مجله بین المللی *Iranian Journal of Radiation Research* از ۱۳۸۲ تا ۱۳۹۱

نایب رییس و عضو هیات مدیره انجمن ژنتیک پزشکی ایران از ۱۳۹۰ تا ۱۳۹۳

مدیر گروه ژنتیک پزشکی از تیر ماه ۹۲ تا مهر ۹۴

رییس و عضو هیات مدیره انجمن فیزیکی پزشکی از ۱۳۸۵ تا ۱۳۸۸

رئیس مرکز تحقیقات و توسعه زیست فناوری دانشگاه تربیت مدرس، ۱۳۸۶ - ۱۳۸۸

عضو هیات موسس مرکز تحقیقات ژنومیک دانشگاه شهید بهشتی

موسس و سرپرست آزمایشگاه سیتوژنتیک مرکز تحقیقات ژنومیک ۱۳۹۱ - ۱۳۹۳

موسس و مدیر گروه ژنتیک ناباروری، آزمایشگاههای سیتوژنتیک و *PGD* پژوهشگاه رویان، ۱۳۷۵ - ۱۳۸۳

موسس آزمایشگاه سیتوژنتیک بانک سلولی انستیتو پاستور ایران و مشاور سیتوژنتیک، ۱۳۷۵ - ۱۳۹۲

مسئول فیزیکی بهداشت دانشگاه از ۷۰/۵/۱۴ تا کنون

عضو هیات ممیزه پژوهشگاه ملی مهندسی ژنتیک و زیست فناوری ۱۳۹۷ - ۱۴۰۰.

مدیر گروه ژنتیک پزشکی تربیت مدرس از ۱۳۸۲ تا ۱۳۸۸

عضو کمیسیون تخصصی پزشکی جهاد دانشگاهی از سال ۸۷ تا کنون

عضو شورای انتشارات دانشگاه از ۷۶/۱۱/۱۷ تا ۱۳۸۶

عضو و رئیس کمیسیون تخصصی پزشکی هیئت ممیزه از آبان ۱۳۷۷ تا ۱۳۸۴

عضو هیئت ممیزه دانشگاه از آبان ۱۳۷۷ تا ۱۳۸۶

مسئول طرح تمام وقتی دانشگاه از دیماه ۷۷ تا ۱۳۸۴

مدیر گروه رادیولوژی از ۶۹/۴/۶ تا مهر ۱۳۸۰

عضو شورای پژوهشی دانشکده پزشکی از ۶۸/۷/۱۷ تا ۱۳۹۴

عضو کمیته ارتقاء دانشگاه از ۷۵/۷/۷ تا فروردین ۱۳۷۷

رئیس بخش پیراپزشکی از ۷۴/۱/۱۵ تا ۷۶/۲/۱۵

معاونت پژوهشی دانشکده علوم پزشکی از ۶۹/۷/۴ تا ۷۴/۱۲/۱۴

عضو شورای پژوهشی دانشگاه از ۶۹/۷/۴ تا ۷۴/۱۲/۱۴

عضو شورای آموزشی دانشکده پزشکی از ۷۰/۱۰/۲ تا ۷۴/۱۲/۱۴

مسئول بررسی طرحهای تحقیقاتی اساتید دانشگاه از ۶۸/۱۱/۱۱ تا ۶۹/۱۱/۱۹

عضویت در انجمنها و کمیته های مجامع علمی

عضو کمیته علمی *International Organization of Medical Physicists (IOMP)* از سال ۲۰۰۹ برای سه

دوره سه ساله تا پایان ۲۰۲۲

عضو کمیته علمی *Asian Federation of Medical Physics (AFOMP)* از سال ۲۰۰۹ - ۲۰۱۵

عضو انجمن ژنتیک ایران

عضو انجمن ژنتیک پزشکی ایران

عضو هیات مدیره انجمن فیزیکی پزشکی ایران از سال ۱۳۸۹ تا کنون

- عضو انجمن ناباروری ایران
- رئیس انجمن فیزیک پزشکی ایران یک دوره و نایب رئیس انجمن دو دوره.
- عضو هیات مدیره و نایب رئیس انجمن ژنتیک پزشکی یک دوره
- مسئول کمیته رادیوبیولوژی انجمن فیزیک پزشکی ایران
- دبیر علمی همایش بین المللی کلینیکال رادیوبیولوژی در کنگره کلینیکال انکولوژی ۱۳۹۸
- دبیر علمی همایش بین المللی کلینیکال رادیوبیولوژی در کنگره کلینیکال انکولوژی ۱۳۹۷
- دبیر علمی کنگره بین المللی کنگره آزمایشگاه و بالین سال ۱۳۹۷
- عضو هیات مدیره جامعه علمی آزمایشگاهیان از سال ۱۳۹۴ تا کنون.
- عضو هیات ریسه جامعه علمی آزمایشگاهیان از سال ۱۳۹۷ تا ۱۴۰۰.
- عضو کمیته علمی کنگره آزمایشگاه و بالین سال ۹۳
- عضو کمیته علمی کنگره آزمایشگاه و بالین و اولین کنگره علوم پایه و شرکت های دانش بنیان ۱۳۹۴
- عضو کمیته علمی کنگره ژنتیک ایران ۳ دوره
- عضو کمیته علمی سرطان پستان جهاد دانشگاهی ۳ دوره
- عضو کمیته علمی کنگره بیوتکنولوژی ۴ دوره
- عضو کمیته علمی سرطان و پیشگیری دو دوره
- عضو کمیته علمی کنگره ناباروری ایران ۷ دوره
- عضو کمیته علمی اولین کنگره بیوشیمی ایران ۱۳۷۰
- عضو کمیته علمی اولین سمینار دانشجویی بیماریهای نئوپلازیک ۱۳۷۱
- عضو کمیته علمی اولین کنگره جانورشناسی ایران ۱۳۷۶
- عضو کمیته علمی اولین کنگره بیوشیمی و بیوفیزیک ایران ۱۳۷۹
- عضو کمیته علمی اولین کنگره بین المللی نقش پرتوها در پزشکی ۱۳۷۹
- عضو کمیته علمی اولین کنگره جانورشناسی ایران ۱۳۷۶
- عضو کمیته علمی و داور کنگره بین المللی ناباروری رویان ۴ دوره
- عضو کمیته علمی کنگره فیزیک پزشکی ایران ۷ دوره
- عضو کمیته علمی کنگره انسان پرتو و زندگی
- عضو کمیته علمی اولین کنگره بین المللی MEFOMP
- مجری اولین و دومین کارگاه PGD در پژوهشکده رویان
- عضو هیات تحریریه مجله پزشکی یاخته
- عضو هیات تحریریه مجله پزشکی مدرس
- عضو هیات تحریریه مجله Iranian Journal of Radiation Research
- عضو هیات تحریریه مجله International Journal of Radiation Research
- عضو هیات تحریریه مجله
- عضو هیات تحریریه مجله ژنتیک نوین
- عضو هیات تحریریه مجله فیزیک پزشکی ایران
- عضو هیات تحریریه مجله طب تولید مثل خزر
- و موارد دیگر

تقدیرنامه ها و نشان ها

سال	کشور	موسسه / سازمان	موضوع	عنوان
۲۰۲۰	۱۷ کشور آسیا و اقیانوسیه	AFOMP	تاثیر گذاری در آموزش، پژوهش و ترویج علم فیزیک پزشکی در منطقه	فیزیکدان پزشکی برجسته آسیا و اقیانوسیه ۱۳۹۹
۱۳۹۲	ایران	جهاد دانشگاهی ایران و معاونت تحقیقاتی وزارت بهداشت	ژنتیک ناباروری	برگزیده چهاردهمین جشنواره بین المللی رویان، برگزیده محققان داخلی
۱۳۹۰	ایران	وزارت علوم و آموزش عالی	تحقیقات کاربردی	برگزیده ۲۴ امین جشنواره بین المللی خوارزمی
۱۳۹۰	ایران	رییس دانشگاه تهران	مبانی سیتوژنتیک بالینی	برگزیده مولف برتر نوزدهمین دوره کتاب سال دانشگاهی
۱۳۸۸	ایران	جهاد دانشگاهی ایران و معاونت تحقیقاتی وزارت بهداشت	ژنتیک ناباروری	برگزیده همین جشنواره بین المللی رویان، برگزیده محققان داخلی
۱۳۸۸	ایران	دبیر کمیته علمی ۲۲ دومین جشنواره خوارزمی	نابایداری ژنومی قابل انتقال به نسل بعد	لوح تقدیر داوران جشنواره بین المللی خوارزمی دوره ۲۲
۱۳۸۵	ایران	وزارت بهداشت درمان و آموزش پزشکی	علوم پایه پزشکی	برگزیده دوازدهمین دوره جشنواره رازی
۱۳۸۳	ایران	دانشگاه تربیت مدرس	دانشگاه تربیت مدرس	پژوهشگر برتر دانشگاه تربیت مدرس
۱۳۸۲	ایران	دانشگاه تربیت مدرس	دانشگاه تربیت مدرس	پژوهشگر برتر دانشگاه تربیت مدرس
۱۳۸۲	ایران	دانشگاه تربیت مدرس		استاد نمونه دانشگاه تربیت مدرس
۱۳۸۲	ایران	دانشگاه تهران	رادیوبیولوژی برای رادیوبلوژیست	برگزیده مترجم برتر دوازدهمین دوره کتاب سال دانشگاهی
۱۳۸۰	ایران	دانشگاه تربیت مدرس		پژوهشگر برتر دانشگاه
۱۳۷۹	ایران	وزارت علوم و تحقیقات و فناوری		استاد نمونه دانشگاههای کل کشور
۱۳۷۹	ایران	کنفرانس بین المللی FIRC		دریافت لوح کنگره بین المللی نقش پرتوها در پزشکی
۱۳۷۹	ایران	دانشگاه تربیت مدرس		پژوهشگر برتر دانشگاه
۱۳۷۹	ایران	دانشگاه تهران	حفاظت عملی در برابر تشعشع و رادیوبیولوژی کاربردی	دریافت لوح تقدیر و کسب جایزه کتاب برگزیده سال دانشگاهی در زمینه علوم پایه پزشکی
۱۳۷۸	ایران	وزارت بهداشت درمان و آموزش پزشکی	محافظ های پرتوی	برگزیده جشنواره رازی در زمینه تحقیقات پایه پزشکی
۱۳۷۸	ایران	دانشگاه تربیت مدرس		استاد نمونه دانشگاه تربیت مدرس
۱۳۷۸	ایران	دانشگاه تربیت مدرس		استاد برجسته دانشگاه تربیت مدرس
۱۳۷۲	ایران	دانشگاه تربیت مدرس		استاد نمونه دانشگاه تربیت مدرس
۱۳۶۵	ایران	وزارت علوم	دوره دکتری	اخذ بورس تحصیلی
۱۳۶۲	ایران	ستاد انقلاب فرهنگی	دوره کارشناسی ارشد	اخذ بورس تحصیلی

انتشارات :

کتاب :

تالیف :

- ۱- مژدارانی ح (۱۴۰۰) منقضى ۵۶ ، انتشارات بارش دانش، تهران.
- ۲- مژدارانی ح (۱۳۹۵) سیتوژنتیک بالینی، مبانی و روش ها، انتشارات بارش دانش، تهران.
- ۳- مژدارانی ح (۱۳۸۹) مبانی سیتوژنتیک بالینی، انتشارات بارش دانش، تهران.
- ۴- مژدارانی ح (۱۳۸۹) فرهنگ رادیوبیولوژی، انتشارات بارش دانش، تهران.
- ۵- مژدارانی ح، سمیعی ف، فروغیزاده م (۱۳۸۳) آمیفوستین؛ یک محافظ پرتوی- شیمیایی. انتشارات دانشگاه صنعتی مالک اشتر، تهران.
- ۶- مژدارانی ح (۱۳۸۲) دزیمتری بیولوژیکی؛ زیست نشانه‌ها و روش ها. انتشارات طب نوین. تهران،
- ۷- مژدارانی ح (۱۳۸۲) رادیو بیولوژی و حفاظت در برابر تشعشع، فصل ۷ (۱۲۰ صفحه)، کتاب مرجع رادیولوژی، انتشارات اندیشه رفیع، تهران.
- ۸- مژدارانی ح، صابری ع ح (۱۳۷۲) سیر تحول روش های تصویرنگاری پزشکی، انتشارات دانشگاه تربیت مدرس، تهران

ترجمه :

- ۱- مژدارانی ح (۱۳۹۹) رادیوبیولوژی برای فیزیکی‌دانان پزشکی. انتشارات بارش دانش تهران
- ۲- مژدارانی ح (۱۳۹۷) رادیوبیولوژی برای رادیولوژیست ترجمه ویرایش هشتم ۲۰۱۸. انتشارات بارش دانش تهران
- ۳- مژدارانی ح (۱۳۹۷) ژن های کثیف، ویراستار علمی، انتشارات رویان پژوه، تهران.
- ۴- مژدارانی ح (۱۳۹۶) ژنتیک انسانی از مولکول تا پزشکی، زیر نظر و ویراستار علمی . انتشارات بارش دانش، تهران
- ۵- مژدارانی ح (۱۳۹۳) رادیوبیولوژی کاربردی و حفاظت در برابر تشعشع. انتشارات بارش دانش، تهران.
- ۶- مژدارانی ح، رزاق دوست آ، حیدری ا ح (۱۳۹۳) مبانی رادیوبیولوژی بالینی، انتشارات بارش دانش، تهران.
- ۷- مژدارانی ح (۱۳۸۴) تشخیص ژنتیکی رویان پیش از لانه گزینی، انتشارات دانشگاه تربیت مدرس، تهران.
- ۸- مژدارانی ح ، صبور د، امید س (۱۳۸۱) راهنمای مصور ژنتیک، انتشارات تیمور زاده، نشر طبیب.
- ۹- مژدارانی ح (۱۳۸۱) رادیوبیولوژی برای رادیولوژیست، جلد دوم (ترجمه ویرایش پنجم)، انتشارات دانشگاه تربیت مدرس
- ۱۰- مژدارانی ح (۱۳۸۰) رادیوبیولوژی برای رادیولوژیست، جلد اول (ترجمه ویرایش پنجم)، انتشارات دانشگاه تربیت مدرس - فروغی زاده م، مژدارانی ح (۱۳۸۱) تشخیص و درمان صدمات پرتوی، انتشارات تیمورزاده، نشر طبیب، تهران
- ۱۱- مژدارانی ح (۱۳۷۸) حفاظت عملی در برابر تشعشع و رادیوبیولوژی کاربردی، انتشارات دانشگاه تربیت مدرس

- ۱۲-مزدارانی ح (۱۳۷۵) مبانی مولکولی بیماریهای ارثی، انتشارات دانشگاه تربیت مدرس
- ۱۳-مزدارانی ح (۱۳۷۴) عواقب انفجارهای اتمی از دیدگاه پزشکی، انتشارات دانشگاه، امام حسین (ع)
- ۱۴-مزدارانی ح، دردی قوجق (۱۳۷۲) بیوشیمی ژنتیک، انتشارات مبتکران، تهران
- ۱۵-مزدارانی ح (۱۳۶۹) رادیوبیولوژی برای رادیولوژیست، انتشارات دانشگاه تربیت مدرس، تهران
- ۱۶-مزدارانی ح (۱۳۶۴) اصول تکنیکهای پزشکی هسته‌ای، انتشارات جهاد دانشگاهی مرکز، تهران.

مقاله در مجلات

الف. مقالات منتشره شده به زبان انگلیسی در مجلات معتبر خارج و داخل

1. Moeinian, P., Alizadeh, R., Hakim Shooshtari, M., ..Mozdarani H., .Mortazavi, Z., Akouchekian, M. (2021) Assessment of Peripheral Blood Lymphocytes in Parents of Autistic Children by Cytokinesis Block Micronucleus Assay. *NeuroMolecular Medicine*, 23(4), pp. 466–470.
2. Samei E, Mozdarani H, Samiei F, Javadi Gh (2021) Modulating Effect Of Combined Melatonin And Famotidine Treatment On Radiation Induced Apoptosis In Peripheral Blood Leukocytes Of Breast Cancer Patients And Normal Individuals. *Cell Journal*; 23(5), pp. 562–567.
3. Jalali AH, Mozdarani H, Ghanaati H (2021) The Effect Of Contrast Enhanced Abdominopelvic Magnetic Resonance Imaging On Expression And Methylation Level Of ATM And AKT Genes. *Cell Journal*; 23(3), pp. 335–340.
4. Mozdarani, H., Pakniyat, F., Mozdarani, S., Nosrati, H., Mozdarani, S. (2021) Effects of saffron extract on the frequency of radiation induced chromosomal aberration in G2-lymphocytes of normal individuals and breast cancer patients. *International Journal of Radiation Research*, 19(3), pp. 711–717.
5. Dizaj, K.A., Monfared, A.S., Mozdarani, H., ..Niksirat, F., Borzoueisileh, S. (2021) Combined effect of oral famotidine and cimetidine on the survival of lethally irradiated mice: An in vivo study. *Journal of Cancer Research and Therapeutics*, 17(4), pp. 865–869.
6. Amirifar P, Mozdarani H, Yazdani R, Kiaei F, Moeini Shad T, Shahkarami S et al. (2021) Effect of Class Switch Recombination Defect on the Phenotype of Ataxia-Telangiectasia Patients. *Immunological investigation*, 50(2-3), pp. 201–215.
7. Mozdarani, H., Azadbakht, O., Klachai, S.G., ...Nosrati, H., Mozdarani, S. Modulating effects of famotidine and melatonin on high dose radiation induced cell lethality in normal human and cancer cell lines. *International Journal of Radiation Research*, 2021, 19(2), pp. 457–463.
8. Bakhtari N, Mozdarani H, Salimi M, Omranipour R (2021) Association study of miR-22 and miR-335 expression levels and G2 assay related inherent radiosensitivity in peripheral blood of ductal carcinoma breast cancer patients. *Neoplasma*; 68(1), pp. 190–199.
9. Fekrvand S, Mozdarani H, Delavari S, Sohani M, Nazari F, Kiaee F, et al. (2020) Evaluation of Radiation Sensitivity in Patients with Hyper IgM Syndrome. *Immunological Investigations*; doi.org/10.1080/08820139.2020.1779288.
- 10.

11. Jalali AH, Mozdarani H, Ghanaati H (2020) The genotoxic effects of contrast enhanced abdominopelvic 3-tesla magnetic resonance imaging on human circulating leucocytes. *European Journal of Radiology*. 129, 109037.
12. Heidarizadi A, Salimi M, Mozdarani H (2020) Study of DOK4 gene expression and promoter methylation in sporadic breast cancer. *Neoplasma*; doi: 10.4149/neo_2020_190811N747.
13. Hashemi M-S, Mozdarani H, Ghaedi K, Nasr-Esfahani MH (2020) Could analysis of testis-specific genes, as biomarkers in seminal plasma, predict presence of focal spermatogenesis in non-obstructive azoospermia? *Andrologia*, 52(2), e13483.
14. Samei E., Mozdarani H, Samei F., Javadi G. (2020) Radiosensitizing effects of melatonin on radiation induced chromosomal aberration in G2-lymphocytes of breast cancer patients. *International Journal of Radiation Research*, 18(4), pp. 657–662.
15. Mozdarani H, Ezzatizadeh V, Rahbar PR (2020) The emerging role of the long non-coding RNA HOTAIR in breast cancer development and treatment. *J Transl Med*; 18:152.
16. Taghavi SM, Shadboorestan A, Sabzevari S, Gholami M, Keshavarz-maleki R, Mozdarani H, Ostad SN, Sabzevari O (2020) Protective role of EGCG against malathion induced genotoxicity using human lymphocytes. *Drug research*, 70: 360-366.
17. Welsh J, Bevelacqua J, Mozdarani H, Mortazavi S, Mortazavi S. (2020) Why can COVID-19 fatality in space be significantly higher than on Earth?. *Int J Radiat Res*; 18 (3) :421-426.
18. Pakniyat F, Gholami S, Nedaie H, Mozdarani H, Mahmoudzadeh A, Salimi M. (2020) Demonstration of bystander response in high dose technique of grid using theoretical calculation by linear quadratic model along with experimental investigations. *Int J Radiat Res*; 18 (3) :495-504.
19. Nadi S, Banaei A, Mozdarani H, Shabestani Monfared A, Ataei G, Abedi-Firouzjah R. (2020) Evaluating the radioprotective effect of arbutin on mice exposed to megavoltage X-rays based on hematological parameters and lymphocytes micronucleus assay. *Int J Radiat Res*; 18 (2) :275-282.
20. Parvanehvar S, Tehranian N, Kazemnejad A, Mozdarani H (2020) Maternal omentin-1 level, quality of life and marital satisfaction in relation to mode of delivery: a prospective cohort study. *BMC Pregnancy and Childbirth*; 20:136.
21. Zarei S, Tajbakhsh S, Taheri M, Mozdarani H, Jafarzadeh A, Nouri F, et al . (2020) A pre-exposure to RF-EMF can enhance the immune responses of mice following Salmonella Typhimurium and Klebsiella pneumoniae infections. *Int J Radiat Res*; 18 (2) :333-342.
22. Ghorbanian Kelachayeh S, Sangtarash M, Mozdarani H. (2020)The effects of melatonin on the frequency of micronuclei induced by ionizing radiation in cancerous and normal cell lines. *Int J Radiat Res*; 18 (1) :57-64.
23. M. Zangeneh; H. A. Nedaie ; **H. Mozdarani**; A. Mahmoudzadeh; S. Kharrazi; M. Salimi (2019) The role and mechanisms of zinc oxide nanoparticles in the improvement of the radiosensitivity of lung cancer cells in clinically relevant megavoltage radiation energies in-vitro. *Nano medicine*; published.

24. Sarli, A., **Mozdarani, H.**, Rakhshani, N., Mozdarani, S. (2019)Relationship study of the verified human epidermal growth factor receptor 2 amplification with other tumor markers and clinicohistopathological characteristics in patients with invasive breast cancer, using chromogenic in situ hybridization .Cell Journal, 21(3), 322-330.
25. Saghaei H, **Mozdarani H**, Mahmoudzadeh A. (2019) Sperm DNA damage in mice irradiated with various doses of X-rays alone or in combination with actinomycin D or bleomycin sulfate: an in vivo study. Int J Radiat Res. 17 (2):317-323
26. **Mozdarani, H.**, Kiaee, F, Fekrvand, S. Azizi, G. Yazdani, R. Zaki-Dizaji, M. Mozdarani, S. Mozdarani, S. Nosrati, H. Abolhassani, H., Aghamohammadi, A. (2019) G2-lymphocyte chromosomal radiosensitivity in patients with LPS responsive beige-like anchor protein (LRBA) deficiency. International Journal of Radiation Biology; 95, (6):680-690.
27. Kargar Shouroki, F., Neghab, M., **Mozdarani, H**, Alipour, H, Yousefinejad, S, Fardid, R. (2019) Genotoxicity of inhalational anesthetics and its relationship with the polymorphisms of GSTT1, GSTM1, and GSTP1 genes. Environmental Science and Pollution Research, 26, (4); 3530-3541.
28. Masoumeh Zangeneh, Hassan Ali Nedaei, **Hossein Mozdarani***, Aziz Mahmoudzadeh, Mahdieh Salimi (2019) Enhanced cytotoxic and genotoxic effects of Gadolinium-doped ZnO nanoparticles on irradiated lung cancer cells at megavoltage radiation energies. Materials Science & Engineering C; doi.org/10.1016/j.msec.2019.109739.
29. Sara Samanian, **Hossein Mozdarani***, Mehrdad Behmanesh , Ensieh Nasli-Esfahan (2019) Association of Intrinsic and induced genomic instability in peripheral blood lymphocytes of type 2 diabetes patients with expression level of genes (*prkcb* and *SP1*) and MICRORNAS (MIR-126 AND MIR-15A-3P). Acta Medica Mediterranea, 2019, 35: 777.
30. M.-S. Hashemi, **H. Mozdarani**, K. Ghaedi and M. H. Nasr-Esfahani (2018) Among seven testis-specific molecular markers, SPEM1 appears to have a significant clinical value for prediction of sperm retrieval in azoospermic men. Andrology; 6, 890–895.
31. Farideh Hosseini, Mohammad Reza Sam, Nasrollah Jabbari, and **Hossein Mozdarani** (2019) Modulating Survivin as a Radioresistant Factor, Caspase-3, and Apoptosis by Omega-3 Docosahexaenoic Acid Sensitizes Mutant-p53 Colorectal Cancer Cells to c-Irradiation. Cancer Biotherapy and Radiopharmaceuticals; DOI: 10.1089/cbr.2018.2445.
32. Hashemi M-S., **Mozdarani H.**, Ghaedi K., Nasr-Esfahani M.H. (2018) Expression of ZMYND15 in Testes of Azoospermic Men and Association with Sperm Retrieval. **Urology**, doi.org/10.1016/j.urology.2017.12.023.
33. Nguyen N.M.P., Khawajkie Y., Mechtouf N., Rezaei M., Breguet M., Kurvinen E., Jagadeesh S., Solmaz A.E., Aguinaga M., Hemida R., Harma M.I., Rittore C., Rahimi K., Arseneau J., Hovanes K., Clisham R., Lenzi T., Scurry B., Addor M-C., Bagga R., Nendaz G.G., Finci V., Poke G., Grimes L., Gregersen N., York K., Bolze P-A., Patel C., **Mozdarani H.**, Puechberty J., Scotchie J., Fardaei M., Harma M., Gardner R.J.M., Sahoo T., Dudding-Byth T., Srinivasan R., Sauthier P., Slim R. (2018) The genetics of recurrent hydatidiform moles: new insights and lessons from a comprehensive analysis of 113 patients. **Modern Pathology** (2018) doi:10.1038/s41379-018-0031-9.

34. H. Zarei, **H. Mozdarani***, A. Mahmoudzadeh Emamchai, M. Salimi, H. Eyni, M. Bakhshandeh (2018) Quantitative evaluation of abscopal effect based on biological effective dose in breast cancer tumors in mice. *Int. J. Radiat. Res.*, 16 (1).
35. Bagheri H., Rezapour S., Najafi M., Motevaseli E., Shekarchi B., Cheki M., **Mozdarani H.*** (2018) Protection Against Radiation-Induced Micronuclei in Rat Bone Marrow Erythrocytes by Curcumin and Selenium L-Methionine. *Iranian Journal of Medical Sciences*, *accepted, in press*.
36. **Mozdarani H**, Salimi M, Bakhtari N. (2017) Inherent radiosensitivity and its impact on breast cancer chemo-radiotherapy. *Int J Radiat Res.*; 15 (4) :325-341.
37. Zarei H., **Mozdarani H. ***, Mahmoudzadeh A., Bakhshandeh M., Nayeri N.D. (2017) The probability of influence of the abscopal effect on reduction of similar far away 4T1 cell line tumors by irradiation of main tumor. *Journal of Paramedical Sciences (JPS)*, 8(3), 22-28.
38. Zonozi F., Mozdarani H., Salimi M., Mozdarani S., Fallahi P., Mozdarani S., Heidari Z. (2017) High frequency of microdeletion in TTY2 gene family in peripheral blood leukocytes of non-obstructive azoospermia patients. *AIMS Genetics*, 4(4): 202-212. doi: 10.3934/genet.2017.4.202
39. Azimi S, **Mozdarani H**, Mahmoudzadeh A. (2017) Induction of DNA damage, apoptosis and micronuclei in peripheral blood lymphocytes following injection of contrast media in patients with abdominal CT scan . *Int J Radiat Res.*; 15 (2) :149-155.
40. **Mozdarani H.**, Ghoraeian P., Mozdarani S, Fallahi P, Mohseni-Meybodi Anahit (2017) High frequency of de novo DAZ microdeletion in sperm nuclei of subfertile men: possible involvement of genome instability in idiopathic male infertility. *Human Fertility*, <https://doi.org/10.1080/14647273.2017.1322718>
41. Borhani S, **Mozdarani H**, Babalui S, Bakhshandeh M, Nosrati H. (2017) In Vitro Radiosensitizing Effects of Temozolomide on U87MG Cell Lines of Human Glioblastoma Multiforme. *Iran J Med Sci.* 42(3):258-265.
42. Nosrati H., **Mozdarani H.**, Hadad P., Omranipour R., Mozdarani S., Bakhshandeh M., Mozdarani S., Shahi F. (2017) Inherent Radiation Sensitivity of Lymphocytes of Triple Negative (TN) and Luminal A: A Comparison Between Patients with Breast Cancer and Normal Individuals as Assayed by the Micronucleus Test. *Arch Breast Cancer*;4 (1): 10-15.
43. Mahmoodi M, Soleyman-Jahi S, Zendehtdel K, **Mozdarani H**, Azimi C, Farzanfar F, Safari Z, Mohagheghi M-A, Khaleghian M, Divsalar K, Asgari E, Rezaei N. (2017) Chromosomal aberrations, sister chromatid exchanges, and micronuclei in lymphocytes of oncology department personnel handling antineoplastic drugs. *Drug Chem Toxicol*; 40(2): 235–240.
44. Parsanezhad M.E., Mortazavi S.M.J., Doohandeh T., Namavar Jahromi B., **Mozdarani H.**, Zarei A., Davari M., Amjadi S., Soleimani A., Haghani M.. (2017) Exposure to radiofrequency radiation emitted from mobile phone jammers adversely affects the quality of human sperm. *Int. J. Radiat. Res.*, 15(1): 63-70.

45. Tajik-Mansoury MA, Rajabi H, **Mozdarani H.** (2017) A comparison between track-structure, condensed-history Monte Carlo simulations and MIRD cellular S-values. *Phys Med Biol.* 7;62(5):N90-N106.
46. Naeji A, **Mozdarani H***, Shabestani Monfared A, Faeghi F, Ahmadi A. A, Gholami M, Behzadi R., Momtaz M. R . (2017) Oral Administration of Vitamin C, Cimetidine and Famotidine on Micronuclei Induced by Low Dose Radiation in Mouse Bone Marrow Cells. *J Biomed Phys Eng*; 7(2); 117-126.
47. Hashemi A.H., **Mozdarani H.**, Mozdarani S. (2016) The relationship between hormones level and body mass index with insertion and deletion (D/I) polymorphism of ACE gene in infertile patients with polycystic ovary syndrome. *Bali Medical Journal (Bali Med J)*, Volume 6, Number 1: 90-96. P-ISSN.2089-1180, E-ISSN.2302-2914
48. **Mozdarani H.**, and Mozdarani S. (2016) De novo cytogenetic alterations in spermatozoa of subfertile males might be due to genome instability associated with idiopathic male infertility: Experimental evidences and Review of the literature. *AIMS Genetics*, 3(4): 219-238. DOI: 10.3934/genet.2016.4.219.
49. **Mozdarani H.** (2016) Breast Cancer and Paradigm of Genomic Instability. Invited Commentary. *Arch Breast Cancer*; 3, (4): 102-105.
50. Hashemi A.H., **Mozdarani H.**, Naghavi A. (2016) Comparison of the Levels of LH and FSH, TSH, Prolactin, Progesterone and Estradiol Hormones between Iranian Infertile Women with Polycystic Ovary Syndrome and Healthy Women. *International Journal of Medical Research & Health Sciences*, 5, 12:370-375. ISSN No: 2319-5886.
51. Hashemi A.H., **Mozdarani H.**, Haji Hosseini R, Mozdarani S. (2016) Comparison of Polymorphisms of Angiotensin-Converting Enzyme Gene between Iranian Infertile Women with Polycystic Ovary Syndrome and Healthy Women. *International Journal of Advanced Biotechnology and Research (IJBR)* ISSN 0976-2612, Online ISSN 2278–599X, Vol-7, Issue-4, 2016, pp1230-1236.
52. Hashemi A.H., **Mozdarani H.** (2016) Study of the Relationship between Obesity and Infertility in Women with Polycystic Ovary Syndrome. *International Journal of Advanced Biotechnology and Research (IJBR)* ISSN 0976-2612, Online ISSN 2278–599X, Vol-7, Issue-4, pp1237-1240
53. Shakeri-Boroujeni A., **Mozdarani H.**, Mahmmoudzadeh M., Faeghi F. (2016) Potent radioprotective effect of herbal immunomodulator drug (IMOD) on mouse bone marrow erythrocytes as assayed with the micronucleus test. *Int. J. Radiat. Res.*, July 2016; 14(3): 221-228.
54. Paknahad M., Dehghani Nazhvani A., Jarideh S., **Mozdarani H.**, Mortazavi G., Haghani M., Eslami J., Mortazavi S.M.J. (2016) Increased Mercury release due to exposure to electromagnetic radiation as a limiting factor for using dental amalgam. *Int. J. Radiat. Res.*, 14(4): 355-359.

55. Salimi M, Broumand B, Mozdarani H. Association of elevated frequency of micronuclei in peripheral blood lymphocytes of type 2 diabetes patients with nephropathy complications. *Mutagenesis*. 2016 Nov;31(6):627-633.
56. Salimi-Asl M, **Mozdarani H**, Kadivar M (2016) Up-regulation of miR-21 and 146a expression and increased DNA damage frequency in a mouse model of polycystic ovary syndrome (PCOS). *BioImpacts*, 6(2), 85-91.
57. Nikzad S, Hashemi B, Hasan ZS, **Mozdarani H**, Baradaran-Ghahfarokhi M, Amini P (2016) The application of the linear quadratic model to compensate the effects of prolonged fraction delivery time on a Balb/C breast adenocarcinoma tumor: An in vivo study. *Int J Radiat Biol*, 92, (2) 80–86.
58. **Mozdarani H**, Dehghan T, Khoradmehr A, Kalantar SM (2016) *Effects of gamma radiation on fetal development in mice*. *Int J Reprod Biomed.*, 14 (4), 247-254.
59. Minaei SE, **Mozdarani H**, Motazakker M, Mansouri M, Aghamiri SMR (2016) Evaluation of Cytogenetic Alterations in Peripheral Blood Lymphocytes of Esophageal Cancer Patients Treated with Radiotherapy or Chemoradiotherapy using Cytokinesis-Blocked Micronucleus Assay. *Acta Med Iran*; 54(1): 9-14.
60. Mortazavi SMJ, **Mozdarani H** (2016) Comments on: Effects of Wi-Fi (2.45 GHz) Exposure on Apoptosis, Sperm Parameters and Testicular Histomorphometry in Rats: A Time Course Study. *Cell Journal(Yakhteh)*, 17, (4), 755.
61. Heidari AH, Shabestani Monfared A, **Mozdarani H**, Mahmoudzadeh A, Razzaghdoust A (2016) Radioprotective Effects of Sulfurcontaining Mineral Water of Ramsar Hot Spring with High Natural Background Radiation on Mouse Bone Marrow Cells. *JBPE*, in press
62. Nadi S, Shabestani Monfared A, **Mozdarani H**, Mahmodzade A, Pouramir M (2016) Effects of Arbutin on Radiation-Induced Micronuclei in Mice Bone Marrow Cells and Its Definite Dose Reduction Factor. *IJMS*, 41, (3), 180-185.
63. Tajik-Mansoury MA, Rajabi H, **Mozdarani H** (2016) Cellular S-value of beta emitter radionuclide's determined using Geant4 Monte Carlo toolbox, comparison to MIRD S-values. *Iran J Nucl Med*; 24(1):37-45.
64. Ayremlou N, **Mozdarani H**, Mowla SJ, Delavari A (2015) Increased levels of serum and tissue miR-107 in human gastric cancer: Correlation with tumor hypoxia. *Cancer Biomarker*, DOI 10.3233/CBM-150529.
65. Ahmadi M, **Mozdarani H**, Abd-alla AM (2015) Comparative toxicity and micronuclei formation in *Tribolium castaneum*, *Callosobruchus maculatus* and *Sitophilus oryzae* exposed to high doses of gamma radiation. *Applied Radiation and Isotopes*, 101(2015)135–140.
66. Shirani Sh, **Mozdarani H**, Mahmoodzadeh A, Salimi M (2015) Radio-adaptive response of peripheral blood lymphocytes following bystander effects induced by

- preirradiated CHO-K1 cells using the micronucleus assay. *Int J. Radiat. Res.* 13 (2), 151-156.
67. Zangeneh M, **Mozdarani H**, Mahmoudzadeh A. (2015) Potent radioprotective effects of combined regimens of famotidine and vitamin C against radiation-induced micronuclei in mouse bone marrow erythrocytes. *Radiat Environ Biophys.* 54; 175-181.
 68. Kazemi E, Mortazavi SMJ, Ali Ghanbari A, **Mozdarani H**, S Sharif-Zadeh, Z Mostafavi-pour, F Zal, S. Haghdoost. (2015) The Effect of Superposition of 900 MHz and Incoherent Noise Electromagnetic Fields on the Induction of Reactive Oxygen Species in SP2/0 Cell Line. *Int J. Radiat. Res.* Accepted, in Press.
 69. Salimi M and **Mozdarani H** (2015) Different aspects of cytochalasin B Blocked micronucleus cytome (CBMN cyt) assay as a comprehensive measurement tool for radiobiological studies, biological dosimetry and genome instability. *Int J. Radiat. Res.* 13 (2), 101-126.
 70. Khafagi Z, **Mozdarani H**, Behmanesh M, Aleyasin A (2015) Distribution of FSHR, ESR1 and ESR2 SNPs among women with polycystic ovary syndrome undergoing in vitro fertilization *Bulletin of Environment, Pharmacology and Life Sciences issue 2 volume 10 2015.*
 71. Mortazavi SMJ, Sharifzadeh S, **H Mozdarani**, M Haghani, P Abolghasemi, S Nematollahi and M Foadi (2015) Future Role of Vitamin C in Radiation Mitigation and its Possible Applications in Manned Deep Space Missions: Survival Study and the Measurement of Cell Viability. *Int J. Radiat. Res.* 13 (1), 55-60.
 72. Nikzad S, Hashemi B, **Mozdarani H**, Zuhair MH (2015) The effect of delivering compensating doses on the survival of F10B16 melanoma and 4T1 breast adenocarcinoma treated with prolonged radiation delivery time. *Int J. Radiat. Res.* 13 (1), 31-38.
 73. Ghasemi S, **Mozdarani H**, Soleimani M (2014) The Effect of miR-372 on Cell Proliferation in MKN-45 cell line. *Bull. Env. Pharmacol. Life Sci.*, 3 (7): 92-96.
 74. Zangeneh M, Mozdarani H, Mahmoudzadeh A, Aghamiri MR (2014) Effects of famotidine and vitamin C on low dose radiation-induced micronuclei in mice bone marrow cells. *Journal of Paramedical Sciences (JPS)*, 5 (4); 102-107.
 75. Safari A, Mortazavi S, **Mozdarani H**. (2014) Introducing the RadBioStat Educational Software: Computer-Assisted Teaching of the Random Nature of Cell Killing. *J Biomed Phys Eng.* 8;4(2):69-72.
 76. Pakzad Z, **Mozdarani H**, Izadi-Mood N, Niromanesh S. (2014) Variable Number Tandem Repeat (VNTR) Genotyping of Hydatidiform Mole in Iranian Patients. *Avicenna J Med Biotechnol.* 6(4):246-53.

77. Dehghan T, **Mozdarani H**, Khoradmehr A, Kalantar SM, Bakhshandeh M, Bouzarjomehri F, Kalantar SM, Sepehr Javan M. (2014) Evaluation of embryo quality after concurrent use of ovarian stimulating hormones and gamma irradiation. *Iran J Reprod Med.*;12(8):573-80.
78. Salimi M, **Mozdarani H**, Nazari E. (2014) Cytogenetic Alterations in Preimplantation Mice Embryos Following Male Mouse Gonadal Gamma-irradiation: Comparison of Two Methods for Reproductive Toxicity Screening. *Avicenna J Med Biotechnol.* 6(3):130-9.
79. Mortazavi S, **Mozdarani H**. (2014) The challenging issue of pre-conception irradiation of parents: Are we walking in a dark road?. *International Journal of Radiation Research.* 12 (1) :79-80
80. Razzaghdoust A, **Mozdarani H**, Mofid B (2014) Famotidine as a radioprotector for rectal mucosa in prostate cancer patients treated with radiotherapy: phase I/II randomized placebo-controlled trial. *Strahlenther Onkol.* 190(8):739-44
81. Mortazavi SM, **Mozdarani H**. (2014) PSA, CA19-9 and CEA tumor markers in blood serum of inhabitants of Ramsar, Iran, Heidary et al., *Journal of Environmental Radioactivity.* J Environ Radioact. 132:121-2.
82. Taeb S, Mortazavi S, Ghaderi A, **Mozdarani H**, de Almeida C, Kardan M, et al. (2014) Alterations of PSA, CA15.3, CA125, Cyfra21-1, CEA, CA19.9, AFP and Tag72 tumor markers in human blood serum due to long term exposure to high levels of natural background radiation in Ramsar, Iran. *International Journal of Radiation Research*; 12 (2):133-138
83. Razzaghdoust A, **Mozdarani H**, Mofid B, Aghamiri SMR Heidari, AH (2014) Reduction in Radiation-Induced Lymphocytopenia by Famotidine in Patients Undergoing Radiotherapy for Prostate Cancer. *The Prostate* 74:41-47
84. Salimi M., **Mozdarani H**. (2014) γ -H2AX as a protein biomarker for radiation exposure response in ductal carcinoma breast tumors: Experimental evidence and literature Review. *Int J Radiat Res.*, 12 (1); 1-11.
85. Mehdipour LA, Mortazavi SMJ, Saion EB, **Mozdarani H**, Aziz SA, Kamari HM, Faghihi R, Mehdizadeh S, Kardan MR, Mortazavi A, Haghani M (2014) Natural ventilation considerations for radon prone areas of Ramsar. *Int J Radiat Res.* 12 (1); :69-74
86. **Mozdarani H** (2013) Uncertainties in radiation sciences: The need for more researches and publications. Experience of 10 years publications in this field and our new plans. *Int. J. Radiat. Res.* 11 (1); 1-2.
87. Mortazavi S, **Mozdarani H**. Non-linear phenomena in biological findings of the residents of high background radiation areas of Ramsar. *International Journal of Radiation Research.* 2013; 11 (1) :3-9

88. Nikzad S, Hashemi B, Zuhair MH, Mozdarani H (2013) The Cell Survival of F10B16 Melanoma and 4T1 Breast Adenocarcinoma Irradiated to Gamma Radiation Using the MTT Assay Based on Two Different Calculation Methods. *J Biomed Phys Eng*; 3(2); 29-36.
89. Mortazavi S, **Mozdarani H**. (2013) Deep space missions and the issue of overcoming the problem of space radiation . *International Journal of Radiation Research*; 11 (3) :199-202
90. Pakniat F, **Mozdarani H**, Nasirian B, Faeghi F. (2013) Radioadaptive response in peripheral blood leukocytes of occupationally exposed medical staff with investigation of DNA damage by the use of neutral comet assay. *International Journal of Radiation Research*; 11 (2) :91-97.
91. Moghbeli-Nejad S, **Mozdarani H**, Rezaiean Z , (2013) The frequency of fertilization rate and premature chromosome condensation (PCC) after injection of irradiated sperms of fertile and infertile men into golden hamster oocytes. *Iranian Journal of Reproductive Medicine*, Accepted, in press.
92. Shahdoust M, Hajizadeh E, **Mozdarani H**, Chehreie A (2013) Finding Genes Discriminating Smokers from Non-smokers by Applying Growing Self-organizing Clustering Method in Large Airway Epithelium Cells Microarray data. *Asian Pacific J Cancer Prev*, Accepted, in Press.
93. Zarei-Moradi S, Mohseni-Meybodi A, Gourabi H, **Mozdarani H**, Mansouri Z (2013) Chromosome abnormalities and viability of vitrified eight cell mouse embryos at presence of two different cryoprotectants at different storage durations. *Cell Journal*; 14 (4) 254-263.
94. Jouyan N, **Mozdarani H**, Shokrgozar MA, Farahat V, Saffari B (2013) Chemosensitivity of hybridoma cell lines to actinomycin D and Bleomycin sulfate compared to non- hybridoma cell lines. *Electronic Journal of Biology*; 9 (1) : 8-14.
95. Ghoraeian P., **Mozdarani H**, Aleyasin A., Alizadeh-Nili H. (2013) Frequency of sex chromosomal disomy in spermatozoa of normal and oligozoospermic Iranian patients and its effects on fertilisation and implantation rates after ICSI. *Andrologia*, **45**, 46–55.
96. Pouralijan-Amiri-M, Siavashi F., Latifi-Navid S, **Mozdarani H**, Sohrabi MR, Malekzadeh R, (2013) Helicobacter pylori-induced genotoxic damage in human B lymphocytes. **Govaresh** 17: 274-279.
97. Eskandari S, **Mozdarani H**, Mashinchian A, Shahhoseiny MH (2012) Cytogenetic damage induced by crude oil in *Anodonta cygnea* (mollusca, bivalvia) assessed by the micronucleus test. *Int. J.Mar.Sci.Eng.*, 2(4), 215-224.
98. Mortazavi SMJ, Niroomand-Rad A, **Mozdarani H**, Roshan-Shomal P, Razavi-Toosi SMT, Zarghani H (2012) Short term exposure to high levels of natural external

- gamma radiation does not induce survival adaptive response. *Iran J Radiat Res*; 10 (3-4): 165-170.
99. Mortazavi SMJ, **Mozdarani H** (2012) Is it time to shed some light on the black box of health policies regarding the inhabitants of the high background radiation areas of Ramsar? *Iran J Radiat Res*; 10 (3-4): 111-116.
 100. Naseh A., Hafizi A., Malek F., **Mozdarani H**, Yassaee, V.R. (2012) TAR Syndrome, a Rare Case Report with Cleft Lip/Palate. *The Internet Journal of Pediatrics and Neonatology*. 2012 Volume 14 Number 1. DOI: 10.5580/2c2a
 101. Towhidi L, Firoozabadi S M P, **Mozdarani H**, Miklavcic D (2012) Lucifer Yellow uptake by CHO cells exposed to magnetic and electric pulses. *Radiol Oncol* 2012; 46(2): 119-125.
 102. **Mozdarani H**, Ghoraiean P. (2012) Efficient combined FISH and PRINS technique for detection of DAZ microdeletion in human sperm. *J Assist Reprod Genet*. 29: 979-984.
 103. Alidoost P, Ghavammanavi P, **Mozdarani H**, Shah-hosseini A, Alidoost S (2012) Evaluation of DNA damage in cyprinus carpio exposed to malation using single cell gel electrophoresis. *International Journal of Marine Science and Engineering*, 2 (2): 135-140.
 104. Yaghmaie M, Alimoghaddam K, **Mozdarani H**, Ghavamzadeh A, Hajhashemi M, Aznab M, Ghaffari SH. (2012) Cytogenetic and FMS-Like Tyrosine Kinase 3 Mutation Analyzed in Acute Promyelocytic Leukemia Patients. *Iranian Biomedical Journal*, 16 (1): 10-17.
 105. Tarang A, **Mozdarani H**, (2012) Random frequency of radiation induced aberrations in individual chromosomes of lymphocytes of α -thalassemia variant patients. *Interventional Medicine & Applied Science*, 4 (2), 85-91.
 106. Jouyan N, Dehghani DE, Senemar S, Shojaee A, **Mozdarani H** (2012) Sex chromosome aneuploidy in cytogenetic findings of referral patients from south of Iran. *Iran J Reprod Med*. 10 (2); 141-148.
 107. **Mozdarani H** (2012) Biological Complexities in Radiation Carcinogenesis and Cancer Radiotherapy: Impact of New Biological Paradigms. *Genes*, 3, 90-114.
 108. Heshmati E., **Mozdarani H**., Abdolmaleki P., Khoshaman K. (2012) Radiosensitizing effects of gemcitabine on aerobic and chronically hypoxic HeLa and MRC5 cells *in-vitro*. *Iran. J. Radiat. Res.*, 2012; 10(1): 11-18.
 109. Foroughizadeh M, **Mozdarani H**, Majidzadeh-A K, Kaviani A (2012) Variation of ATM Gene Expression in Peripheral Blood Cells of Sporadic Breast Carcinomas in Iranian Patients. *Avicenna J Med Biotech* 2012; 4(2): In press.

110. Salimi M, **Mozdarani H**, Majidzadeh K. (2012) Efficacy of Primed In Situ labelling (PRINS) in determination of HER-2 gene amplification and CEN-17 status in FFPE breast cancer tissues. *Asian Pacific J Cancer Prev*, **13**, 329-337.
111. Mohseni Meybodi A., **H. Mozdarani** , Sh. Zari Moradi, M. R. Akhoond (2012) Importance of sperm glutathione treatment in ART. *J Assist Reprod Genet*, DOI 10.1007/s10815-012-9755-5.
112. Yaghmaie M, **Mozdarani H**, Alimoghaddam K, Ghaffari SH, Ghavamzadeh A, Hajhashemi M (2012) Characterization of arsenic-induced cytogenetic alterations in acute promyelocytic leukemia cell line, NB4. *Med Oncol.*; 29:1209–1216.
113. Moghbeli-Nejad S, **Mozdarani H.**, Behmanesh M., Rezaiean Z , Fallahi P (2012) Induction of genome instability in AZFc region of Y chromosome in peripheral blood lymphocytes of normal and infertile men following exposure to gamma irradiation. **Journal Assisted Reprod Genet**; 29:53–61.
114. Moghbeli-Nejad S, **Mozdarani H**, Alleyasin A (2012) Increased frequency of micronuclei in lymphocytes of infertile males after exposure to gamma irradiation. *J Assist Reprod Genet* ; 29:89–94.
115. Ramyar A , Aghamohammadi A , Mozdarani H , Mahmoodi M, Azimi C , Safari Z, Nedaei HA ,Farzanfar F, Rezaei N , Asadi-Shekaari M , Esfahani M , Hosseini SK, Yazdani M, Abolhassani H, Khalesi F, Mohagheghi MA (2011) Assessment of in vitro chromosomal sensitivity to low doses of gamma irradiation in patients with acute lymphoblastic leukemia. *Basic & Clinical Cancer Research*, 2: 2-6.
116. Mozdarani H., Ziaee Mashhadi A.H., Z. Alimohammadi (2011) G2 chromosomal radiosensitivity and background frequency of sister chromatid exchanges of peripheral blood lymphocytes of breast cancer patients. *Iran. J. Radiat. Res.*, 2011; 9(3): 167-174.
117. Mozdarani H., Abed Ashtiani K., Mohseni-Meybodi A. (2011) Evaluation of concentration and storage effects of mitomycin C in the diagnosis of Fanconi anemia among idiopathic aplastic anemia patients. *Indian Journal of Human Genetics*; 17 (3): 145- 151.
118. Salimi M, **Mozdarani H**, Majidzadeh K. (2011) Expression pattern of ATM and cyclin D1 in ductal carcinoma, normal adjacent and normal breast tissues of Iranian breast cancer patients. *Med Oncol*. 2011 Aug 18. [Epub ahead of print]
119. Alizadeh Nili H , **Mozdarani H**, Pellestor F (2011) Correlation of sperm DNA damage with protamine deficiency in Iranian subfertile men. *Iranian Biomedical Journal*, 15 (4): 122-129.
120. Mahdavi M and **Mozdarani H** (2011) Protective effects of famotidine and vitamin C against radiation induced cellular damage in mouse spermatogenesis process. *Iran J Radiat Res*; 8(4) 223-230.

121. Akbari MT, Noruzinia M, **Mozdarani H**, Hamid M. (2011) Determination of exon 7 SMN1 deletion in Iranian patients and heterozygous carriers by quantitative real-time PCR. *J Genet.* 2011 Apr;90(1):133-6..
122. Yaghmaei M, , Alimoghadam K, **Mozdarani H**, , Ghavamzadeh A, Hajhashemi M, Aznab M, Ghaffari SH (2010) Evaluation of cytogenetic changes and FLT3 mutations in patients with acute promyelocytic leukemia. *Int J Hematol stem cell Res* 4 (2). 25-35.
123. Shahidi M, **Mozdarani H**, Mueller W-U (2010) Radiosensitivity and repair kinetics of gamma-irradiated leukocytes from sporadic prostate cancer patients and healthy individuals assessed by alkaline comet assay. **Iranian Biomedical Journal.** 14 (3); 67-75.
124. Seyyedi SS, Mozdarani H, Rezaei Tavirani M, Heydari S (2010) Induction of chromosomal aberrations in human primary fibroblasts and immortalized cancer cells exposed to extremely-low-frequency electromagnetic fields, **Iran J Radiat Res.**, published.
125. Toulany M., Kehlbach R, Rodemann H. P, *Mozdarani H* (2010) Radiocontrast media affect radiation-induced DNA damage repair *in vitro* and *in vivo* by affecting Akt signalling. *Radiother Oncol.*, 94; 110-116.
126. *Mozdarani H*, Asghari (2010) Potent Reducing Effects of Vitamin D₃ on the Frequency of Apoptosis Induced by Arsenic Trioxide in NB4 Cell Line. ***Archives of Iranian Medicine, Volume 13, Number 1.***, 26-33.
127. Fatehi D and *Mozdarani H* (2009) Modulation of 10 cGy neutron or gamma-rays induced chromosomal damages by hyperthermia: an *in vitro* study. **Iran J Radiat Res**; 7 (2); 69-77.
128. *Mozdarani H* and Nazari E (2009) Cytogenetic damages in preimplantation mouse embryos generated after paternal and parental gamma-irradiation and the influence of vitamin C. **Reproduction**, DOI:10.1530/REP-08-0073.
129. Mahmoudzadeh Emamchai A., *Mozdarani H.*, Mohammadifrad S. (2009) Construction of a dose – response curve by induction of premature chromosome condensation for biological dosimeter. **Iran. J. Radiat. Res**, 6 (4): 213-218.
130. Barati AH, Mokhtari-Dizaji M, **Mozdarani H**, Bathaie SZ, Hassan ZM. (2009) Treatment of Murine Tumors Using Dual-Frequency Ultrasound in an Experimental *in Vivo* Model. **Ultrasound Med Biol.** 35: 756-763.
131. Tarang A, *Mozdarani H*, Akbari MT (2009) Frequency of background and radiation-induced apoptosis in leukocytes of individuals with alpha-thalassemia variants, assessed by the neutral comet assay. **Hemoglobin** 33(3):247-57.

132. Heshmati E, Abdolmaleki P, **Mozdarani H**, Sarvestani AS. (2009) Effects of halogen substitution on Watson-Crick base pairing: a possible mechanism for radiosensitivity. **Bioorg Med Chem Lett**. Sep 1;19(17):5256-60. Epub 2009 Jul 12.
133. Delalat B, Pourfathollah AA, Soleimani M, **Mozdarani H**, Ghaemi SR, Movassaghpour AA, Kaviani S (2009) Isolation and ex vivo expansion of human umbilical cord blood-derived CD34+ stem cells and their cotransplantation with or without mesenchymal stem cells. **Hematology**. Jun;14(3):125-32.
134. Alizadeh H, **Mozdarani H.**, Aleyasin A (2009) Correlation of sperm DNA damage with protamine deficiency in Iranian subfertile men. **Reproductive biomed online**18: 479-485.
135. Mohseni Meybodi A. and **Mozdarani H.** (2009) DNA Damage in Leukocytes from Fanconi Anemia (FA) Patients and Heterozygotes Induced by Mitomycin C and Ionizing Radiation as Assessed by the Comet and Comet-FISH Assay. **Iranian Biomedical Journal** 13 (1): 1-8 (January 2009).
136. Mohseni A, **Mozdarani H.**, Mozdarani S. (2009) DNA damage and repair of leukocytes from Fanconi anemia patients, carriers and healthy individuals as measured by the alkaline comet assay. **Mutagenesis**, DOI: 10.1093/mutage/gen052.
137. Salimi M, **Mozdarani H.** (2008) Reduction of transgenerational radiation induced genetic damages observed as numerical chromosomal abnormalities in preimplantation embryos by vitamin E. **Nukleonica**, No. 4/2008.
138. Moghbeli Nejad S, **Mozdarani H.**, Shokrghozar MA, Farahat V (2008) Chromosomal variation in three human- mouse hybridoma cell lines after various passaging intervals as assessed with two different staining methods. **Iran J. Basic Med Sci.**, Published.
139. Towhidi L, Kotnik T, Pucihar G, Firoozabadi SM, **Mozdarani H**, Miklavcic D. (2008) Variability of the minimal transmembrane voltage resulting in detectable membrane electroporation. **Electromagn Biol Med.**;27(4):372-85.
140. Ahmadi M, Moharramipour S, **Mozdarani H**, Negahban M. (2008) Combined effect of gamma radiation and *Perovskia atriplicifolia* for the control of red flour beetle, *Tribolium castaneum*. **Commun Agric Appl Biol Sci.**; 73(3):643-50
141. **Mozdarani H.**, Ghoraieian P. (2008) Modulation of gamma-ray-induced apoptosis in human peripheral blood leukocytes by famotidine and vitamin C. **Mutation Res.: Genet. Toxicol. Environ. Mutage.**; 649; 71-78.
142. **Mozdarani H.** (2008) Cytogenetic bio-indicators and their implications in biomonitoring individuals exposed to chronic and low doses of ionizing radiation. **Int J Low Radiat.**, 5 (2); 134-150.
143. **Mozdarani H.**, Salimi M., Froughizadeh M. (2008) Effect of cimetidine and famotidine on survival of lethally gamma irradiated mice. **Iran. J. Radiat. Res.**, 5 (4); 187-194.

144. **Mozdarani H.**, Mohseni A, Zari-Moradi S (2008) A cytogenetic study of couples with recurrent spontaneous abortions and infertile patients with recurrent IVF/ICSI failure. **Indian J Human Genet.** 14 (1); 1-6.
145. Bryant P.E., **Mozdarani H.**, C. Marr (2008) G2-phase chromatid break kinetics in irradiated DNA repair mutant hamster cell lines using calyculin-induced PCC and colcemid-block. **Mutation Res.: Genet. Toxicol. Environ. Mutagen.**; doi:10.1016/j.mrgentox.2008.08.003
146. Bryant, **Mozdarani** (2007) A comparison of G2 phase radiation induced chromatid break kinetics using calyculin-PCC with those obtained using colcemid block. **Mutagenesis**; 22 (5) 359-362.
147. **Mozdarani**, Nazari (2007) Frequency of micronuclei in 4-8 cell mouse embryos generated after maternal gamma-irradiation in the presence and in the absence of vitamin C". **Radiation and Environmental Biophysics**, 46; 417-422.
148. **Mozdarani H**, Taheri A., Haeri S.A (2007) Assessment of radioprotective effects of amifostine on human lymphocytes irradiated in vitro by gamma-rays using cytokinesis blocked micronucleus assay. **Iran J Radiat Res**; 5 (1) 9-16.
149. Seyyedi SS, Shahidi Dadras M, Rezaei Tavirani M, **Mozdarani H**, Toosi P, Zali AR (2007) Proteomic analysis of human fibroblasts by continuous exposure to extremely low frequency electromagnetic fields. **Pak J Biol Sci**; 10 (22) 4108-4112.
150. **Mozdarani H.**, Zari-Moradi S. (2007) Effect of vitrification on viability and chromosome abnormalities in 8 cell mouse embryos at various storage durations. **Biological Research**; Published
151. Meybodi M.A, **Mozdarani H**, Vosogh P (2007) Cytogenetic sensitivity of G0 lymphocytes of Fanconi anemia patients and obligate carriers to mytomycin C and ionizing radiation. **Cytogenetics and Genome Res.** 119; 191-195.
152. Movassaghpour, **Mozdarani**, Akhlaghpour, Pourfatholah, Soleimani (2007) Evaluation of the homing of human CD34+ cells in mouse bone marrow using clinical MR Imaging. **Pakistan J. Biol. Sci**, 10 (6): 833-842.
153. Barati, Mokhtari, **Mozdarani**, Bathaei, Saraf (2007) Effect of exposure parameters on cavitation induced by low level dual-frequency ultrasound. **Ultrasonics, Sonochemistry**; 14: 783-789.
154. Omidkhoda, **Mozdarani**, Movasaghpoor, PourFatholah (2007) Study of apoptosis in labeled mesenchymal stem cells with superparamagnetic iron oxide using neutral comet assay. **Toxicology in Vitro**; 21: 1191-1196.
155. **Mozdarani**, Mohseni, Karimi (2007) Impact of pericentric inversion of chromosome 9 [inv (9) (p11q12)] on infertility. **Indian J. Human Genetics**; 13: 26-29.

156. **Mozdarani**, Nasirian, Haeri (2007) In vivo gamma-rays induced initial DNA damage and the effect of famotidine in mouse leukocytes as assayed by the alkaline comet assay. **J. Radiat. Res.**; 48: 129-134.
157. Shahidi, **Mozdarani**, Bryant (2007) Radiation sensitivity of leukocytes from healthy individuals and breast cancer patients as measured by the alkaline and neutral comet assay. **Cancer Letters**; 257; 263-273.
158. Barati, Mokhtari, **Mozdarani**, Bathaei, Saraf (2006) Free hydroxyl radical dosimetry by using 1 mhz low level ultrasound waves. **Iran J. Radiat. Res**, 3(4), 163-169.
159. Monfared, **Mozdarani**, Samavat, Hashemgholi (2006) Chromosomal aberrations in radiation workers of radiology departments in northern iran-babol. **Int. J. Low Radiation**, 3 (1), 83-87.
160. Mortazavi, **Mozdarani** (2006) The search for a possible optimum adapting dose under the optimum irradiation time scheme in cultured human lymphocytes. **Int. J. Low Radiation**, 3 (1), 74-82.
161. **Mozdarani**, Salimi (2006) Numerical chromosome abnormalities in 8-cell embryos generated from gamma-irradiated male mice in the absence and presence of vitamin e. **Int. J. Radiat. Biol**, 82, 817-822.
162. **Mozdarani**, Salimi (2006) Effect of vitamin E on preovulatory stage irradiated female mouse expressed as chromosomal abnormalities in generated embryos. **Iran. J. Radiat. Res.**, 4, 35-40.
163. **Mozdarani H.**, Mansouri Z., Haeri SA (2005) Cytogenetic radiosensitivity of G0-lymphocytes of breast and esophageal cancer patients using the micronucleous assay. **Radiat. Research** (Japan), 46: 111-116
164. Soleimani, **Mozdarani**, Pourfatholah, Mortazavi, Alimoghadam, Nikogoftar, Zonoobi, Hajifathali (2005) Increase of cxcr4 expression on expanded non-enriched cord blood cd34+ cells using MSCs. **Yakhteh**, 7 (2): 74-79.
165. Ghoraeian, **Mozdarani**, Akhlaghpoor (2005) Effect of famotidine on radiation induced apoptosis in human peripheral blood leukocytes. **Iran J. Radiat. Research**, 3 (1); 31-36.
166. Mortazavi, Monfared, Ghiasinejad, **Mozdarani** (2005) Radioadaptive responses induced in human lymphocytes of the inhabitants of high level natural radiation areas in ramsar, iran. **Assian J. Exp. Sci.**, 19(1)19-39.
167. Soleimani, **Mozdarani**, Pourfatholah, Mortazavi, Alimoghadam, Nikogoftar, Zonoobi, Hajifathali (2005) Expansion of non-enriched cord blood stem/progenitor cells cd34+ cd38- using liver cells. **Iranian Biomedical Journal**, 9 (3), 111-116.
168. Wong H-P., **Mozdarani H.**, Finnegan C., McIlrath J., Bryant PE., Slijepcevic P. (2004) Lack of spontaneous and radiation induced chromosome breakage at

- interstitial telomeric sites in murine scid cells. **Cytogenet. Genome Res.**, 104: 131-136.
169. Nasr-Esfahani MH., Razavi S., **Mozdarani H.**, Mardani M., Azvagi H. (2004) Relationship between protamine deficiency with fertilization rate and incidence of sperm premature chromosomal condensation post-ICSI. **Andrologia**, 36: 95-100.
170. **Mozdarani H.** and Mohseni.Meybodi A (2004) Cytogenetic analysis of sperm nucleus components of Iranian normal and subfertile individuals using zona free hamster oocytes. **J Assist Reprod Genet.**, 21 (11). 411-416.
171. Hosseini S., **Mozdarani H.** (2004) Induction of premature chromosome condensation (PCC) by calyculin A for biodosimetry. **Iran J Radiat Res.** 2: 15-20.
172. **Mozdarani H.**, Pellestor F. (2004) The primed in situ (PRINS) technique: an alternative approach for preimplantation chromosomal diagnosis. **Iran. J. Biotechnology**, 2 (3): 149-157.
173. Bryant P.E and **Mozdarani H.** (2004) Mechanisms underlying the conversion of DNA double strand breaks into chromatid breaks. **Int. J. Low Radiation.**, 1 (2) 223-230.
174. **Mozdarani H.** (2003) Radioprotective properties of histamine H2 receptor antagonists: Present and future prospects. **J. Radiation Research**, 44, 145-149.
175. Shahidi M., **Mozdarani H.** (2003) Potent radioprotective effect of therapeutic doses of ranitidine and famotidine against gamma rays induced micronuclei in vivo. **Iran J Radiat Res.**, 1: 29-35.
176. Ghorbani M., **Mozdarani H.** (2003) In vitro radioprotective effects of histamine H2 receptor antagonists against gamma rays induced chromosomal aberrations in human lymphocytes. **Iran J Radiat Res.**, 1 (2): 99-104.
177. Abasi MR, Froughizadeh M, **Mozdarani H.** (2003) Evaluation of the role of mannitol in radioprotection of amifostine. **Iran J Radiat Res.**, 1 (3): 151-155.
178. **Mozdarani, H.** Hejazi A, Hejazi, P (2002): Chromosomal aberrations in lymphocytes of individuals with chronic exposure to gamma radiation. **Arch. Irn. Med.**, 5, 32-36.
179. Monfared, A.S., **Mozdarani, H.** and Amiri, M (2002) Comparison of the cytogenetic radioadaptive response induced by natural background radiation with occupational exposure in human peripheral blood lymphocytes. **14th Radiochemical Conf., Prague.** pp: 180-183.
180. Hosseinimehr, SJ, Shafiee, A., **Mozdarani, H.**, Akhlaghpour, Sh., Froughizadeh, M (2002) Radioprotective effects of 2-Imino-3-[(chromone-2-yl)carbonyl]thiazolidines against gamma-irradiation in mice. **J. Radiation Res.**, 43, 293-300.
181. Bryant, PE, **Mozdarani, H.** Liu, N and, Jones N.J (2002) Reply to the letter from Thacker and Griffin: Problems in scoring radiation induced chromatid breaks. **Int. J Radiat. Biol.**, 78, 945-952.

182. **Mozdarani, H** and Monafed A.S (2001), Laserthermia enhances the clastogenic effects of antineoplastic agents in aerobic and chronically hypoxic Hela cells in vitro. **Cancer Letters**, 167, 17-24.
183. **Mozdarani, H**, Liu, N, Jones N.J and Bryant, PG (2001): The XRCC 2 human repair gene influences recombinational rearrangements leading to chromatid breaks. **Int. J Radiat. Biol.**, 77, 859-865.
184. **Mozdarani, H** and Sammak L, (2001) Chromosomal abnormalities of human preimplantation embryos generated from in vitro fertilization and intracytoplasmic sperm injection. **Middle East Fertility Society Journal**, 6, 163-168.
185. **Mozdarani, H** and Agdaei F, (2001): Cytogenetic analysis of failed- fertilized oocytes from Iranian infertile women after in vitro fertilization (IVF) and intracytoplasmic sperm injection (ICSI) procedures. **Middel East Fertility Society Journal**, 6, 216-225.
186. **Mozdarani, H** and Arghami S, (2001): Cytogenetic biomonitoring of persons occrptionally exposed to aromatic solutents. **Int. J. of Science**, Tehran, University, 2, 1-14.
187. **Mozdarani, H** and Gourabi H (2001): Chromosomal aberrations and micronuclei in lymphocytes of medical radiation workers exposed to ionizing radiation below dose limit. **Yakhteh Medical Journal** (English Edition), 3 (11), 153-158.
188. Hosseinimehr, SJ, Shafiee A, **Mozdarani H**, Akhlaghpour S (2001): Radioprotective effects of 2-imminothiazolinidine derivatives against lethal doses of gamma radiation in mice. **J Radiat Res.**, 42, 401-408.
189. **Mozdarani, H** and Tohidinia MR (2001) Cytogenetic effects of magenetic and radiofrequency fields of NMRI systems on the frequency of chromosomal aberrations in human lymphocytes in the presence or absence of cytosine arabinoside. **Med. J. IR. Iran.** 14, 169-173..
190. Mortazavi J, **Mozdarani, H** and Ikushina T (2000), The first study on the Adaptive response and its magnitude relative frequency of non-responders in healthy Donors. 4th Iranian Medicalphysics **congress proceding**. Tehran Medical University, pp: 231-244.
191. **Mozdarani, H.** and Kamali S (1998) Antigenotoxic effects of cimetidine against benzene induced micronuclei in mouse bone marrow erythrocytes. **Toxicology Letters**, 99, 53-61.
192. **Mozdarani, H.** and Fadaei, S. (1998), Similar cytogenetic effects of sodium-megluminediatrizoate and sodium meglumine iothalamate in lymphocytes of patients undergoing brain CTscan. **Toxicology Letters**. 98, 25-30.
193. Mortazavi SMJ, Ikushima T and **Mozdarani, H.** (1998), An Introduction to Radiation Hormesis. [Http://www.angelefire.com](http://www.angelefire.com).

194. Monfared A Sh and **Mozdarani, H.** (1998), Synergistic effects of lasterthermia and bleomycin-suffate on micronucleus formation in cytokinesis blocked HeLa cells. **Iranian J.Medical Sciences.** 23(384), 1-5.
195. **Mozdarani, H.** and Khoshbin-Khoshnazar, A.R, (1998) In vivo protection by cimetidine against fast neutron induced micronuclei in mouse bone marrow cells. **Cancer Letter**, 124, 65-71.
196. Gourabi, H. and **Mozdarani, H.** (1998) A cytokinesis blocked micronucleus study of the radiadaptive response of lymphocytes of individuals ocupationally exposed to chronic doses ofradiation. **Mutagenesis**, 13; 475-480.
197. Bryant P.E, Finnegan, C.E and **Mozdarani, H.** (1998).G2 chromatid breaks in murine scid cells. **Mutagenesis**; 13, 481-485.
198. Khamisipour G, **Mozdarani, H.**, Shokri F. (1997) Cytogenetic study of malignant B-cells from Iranian patients with chronic lymphocytic leukemia. **Iranian J. Med.**, 22(1&2).
199. Valogerdi, M.R., Nematollahi, N., Hosseini, A and **Mozdarani, H.** (1997). The effect of vero cell on development of one and two cell mouse embryos. **Middle East Fertility Society Journal.**, 2,35-41.
200. **Mozdarani, H.** and H. Samavat, (1996), Cytogenetic biomonitoring of radiology technologists occupationally exposed to chronic doses of X-irradiation. **Medical J. I.R. Iran**, 10(1), 43-46.
201. **Mozdarani, H.** (1996) Can cimetidine be used as a radioprotector, **J. Iran Univ. Med. Sci.** 3,106-117.
202. **Mozdarani, H.** and M., Jadidi, (1995). The interaction of radiation and intercalating agents in normal bone marrow cells as evaluated by spleen colony assay technique: The effects of bleomycin sulfate and actionmycin D. **Medical Journal I.R. Iran**, 9(2), 137-145.
203. **Mozdarani, H.** and A.H. Saberi (1994), Induction of cytogenetic adaptive response of bone marrow cells to radiation by therapeutic doses of bleomycin sulfate and actionmycin D as assayed by the micronucleus test. **Cancer Letters**, 78, 141-150.
204. **Mozdarani, H.** and N.J. Vessal, (1993), Cimetidine can modify the effects of whole body gamma irradiation on lymphohematopoetic systmes. **Medical Journal of I.R. Iran**, 7(2), 95-99.
205. **Mozdarani, H.** and A. Gharbali, (1993), Radioprotective effects of cimetidine in mouse bonemarrow cells exposed to gamma-rays as assayed by the micronucleus test. **Int. J. Radiat. Biol.**,64(2), 189-194.

206. **Mozdarani, H.** (1992), On the effects of ara A and ara C on X-ray induced DNA lesions in normal and A-T cells: Similarities and differences. **Medical Journal of I.R. Iran**, 6(2), 123-127.
207. **Mozdarani, H.** and P.E. Bryant, (1989), Kinetics of chromatid aberrations in G2 ataxia-telangiectasia cells exposed to X-rays and ara A. **Int.J. Radiat. Biol**, 50(5), 655-650.
208. **Mozdarani, H.** and P.E.Bryant, (1989), Cytogenetic response of normal human and ataxia-telangiectasia G2 cells exposed to X-rays A and ara C. **Mutation Research**, 226, 223-228.
209. **Mozdarani, H.** and Bryant P.E (1989) Induction and rejoining of chromatid breaks in X-irradiated A-T and normal human G2 fibroblasts. **Int. J. Radiat. Biol.**, 56, 645-659.
210. **Mozdarani, H.** and P.E Bryant, (1987), The effects of 9-b-D arabinofuranosylamine on the formation of X-ray induced chromatid aberrations in X-irradiated G2 human cells. **Mutagenesis**, 2(5)-371-374.

B: Full papers in Persian Language Journals (Abstracts in English):

1. Ayremlou N, **Mozdarani H**, Mowla SJ, Delavari A (2015) Evaluation the effect of hypoxia on miR-107 expression in gastric cancer cell lines MKN45 and AGS. *J Babol Univ Med Sci*; 17(10); Oct 2015; in press.
2. Tarang A, **Mozdarani H**, Hosseinejad F (2014) Aberrations and apoptosis induced in leukocytes of silent α -thalassemia carrier individuals after irradiation. *Novin Genetics*, 9 (4); 419-428.
3. Minaei, S.E., **Mozdarani, H.**, Aghamiri, S.M.R., Motazakker, M., Mansouri, M. (2015) Cytokinesis blocked micronucleus assay for evaluation of chromosomal breaks in esophageal cancer. *Tehran University Medical Journal*. Accepted in Press.
4. Ghasemi S, Mozdarani H, Soleimani M (2015) The Effect of miR-372 on Genome Instability in MKN-45 Cell Line. *Journal of Isfahan Medical School*. 32, No. 311, 4th Week, January 2015
5. Ahmadi M, Moharamipour S, Ardekani M, **Mozdarani H** (2009) Effect of gamma rays in combination with Brazamil Extract on lethality of red flour beetle. **Journal of nuclear Science and Technology**, 49: 50-56.
6. Joyan N, **Mozdarani H**, Shokrgozar MA, Farahat V (2009) Frequency of chromosome aberrations in F3B6 and HF2x635 hybridoma cell lines after treatment with bleomycin sulfate. **Daneshvar Medical Journal**, 16: 7-16.
7. Barati, Mokhtari, **Mozdarani H**, Bathaei, Zuhair, Kazemnejad (2009) Treatment of animal model mammary adenocarcinoma using bifrequency ultrasound. **Iranian Journal of Medical Physics**, 6: 1-12.

8. Seyyedi S, Rezaei M, **Mozdarani H** (2009) Effects of low frequency non ionizing radiation on protein expression of human fibroblasts. **Pezhouhande**, 14: 173-177.
9. Towhidi, Firouzabadi, **Mozdarani H**, Kotnic, Pousihar, Michelavic (2008) Effects of size and shape of cells on threshold electric field and critical membrane voltage in electroporation. **Iranian Journal of Medical Physics**, 5: 1-14.
10. Asghari F, **Mozdarani H**, Soleimani S (2006) Induction of apoptosis in NB4 cell line using arsenic trioxide (ATO) **Daneshvar Medical Journal**, 7: 95-99.
11. **Mozdarani H** (2006) A review on cytogenetics of infertility. **Proceeding 2nd Congress of infertility Genetics**, Tehran University.
12. Delalat, Poufatollah, Movasaghpour, Soleimani, **Mozdarani H**, Kaviani, Ghaemi (2006) Assessment of synchronized graft of human mesenchymal stem cells and umbilical cord derived CD34+ cells in irradiated mice using spleen colony assay. **Blood quarterly**, 3: 353-343.
13. Neshastehriz A, Shafaei G, **Mozdarani H** (2006) comparative study of genetic damages induced after Co-60 gamma irradiation in Glioma cells in the presence or absence of IUDR. **Iranian Journal of Medical Physics**, 3: 73-84.
14. **Mozdarani H**, Khashai (2005) Evaluation of background sperm DNA damage in normal and subfertile individuals using the comet assay. **Hakim Medical Journal**: 6: 123-127.
15. Shahidi M, **Mozdarani H**, Samiei F (2005) Comparison of radiosensitivity and repair kinetics of induced DNA damage in leukocytes of normal individuals and prostate cancer patients by the use of alkaline comet assay. **Kowsar Medical Journal**, 10: 153-165.
16. **Mozdarani H.**, Moradi S (2005) Effect of vitrification on survival and chromosomal aberrations in mouse 8 cell embryos. **Rafsanjan Medical Journal**, 4: 210-219.
17. Akbari S, **Mozdarani H**, Roustaei M (2004) Effects of mitomycin C on induction of SCE in human lymphocytes. **Journal of Kerman Univ of Medical Sciences**, 11: 65-69.
18. Hasani, **Mozdarani H**, Akhlaghpour S (2004) Determination of thyroid exposure during routine radiography and CT after using various mAS. **Iran J Medical Physics**, 1: 25-30.
19. Naghshizadegan N, Imani H, Nasre Esfahani MH, Razavi S, **Mozdarani H**, Mardani M (2004) Effects of protamin deficiency in human sperm on premature chromosome condensation. **Iranian Journal of Anatomical Sciences**, 2: 29-41.
20. Monfared, Jalali, **Mozdarani H**, Haji-Ahmadi (2004) A survey on health status of inhabitants of areas with high and low dose radiation in Ramsar, Iran. **Medical Journal of Golestan University**, 13: 23-28.
21. Shahidi M, **Mozdarani H**, Mokhtari M (2004) Comparison of the sensitivity of leukocytes from normal and breast cancer individuals using the comet assay. **Medical Journal of Mazandaran University**, 14: 104-114.

22. Mohseni A, **Mozdarani H** (2003) Study of the frequency of premature chromosome condensation in sperms of normal and infertile individuals using zona free hamster oocyte. **Yakhteh Medical Journal**, 5: 15-21.
23. Baradar-Bokaei P, **Mozdarani H** (2003) Cytogenetic effects of methotrexate and cytosine arabinoside alone or in combination on MOLT-4 cells in various cell cycle stages. **Yakhteh Medical Journal**, 5: 97-101.
24. Razavi S, Mardani M, **Mozdarani H**, Nasre Esfahani MH, Azochi H (2003) Effect of sperm protamin deficiency on fertilization rate and sperm premature chromosome condensation after ICSI. **Iranian Journal of Anatomical Sciences**, 1: 1-8.
25. **Mozdarani H**, Yousefian B, Mokhtari M (2002) Effects of therapeutic ultrasound in combination with Bleomycin sulfate on micronuclei formation in G0 human lymphocytes. **Kowsar Medical Journal**, 7 , 27-34.
26. **Mozdarani H** (2002) Cytogenetic bioindicators in biological dosimetry: cons and pros, 5th Medical Physics Congress, **Tarbiat Modarres Univ.** April 2002. pp:181-182.
27. Ghafari M, **Mozdarani H**, Foroghizadeh M (2002) Study of radioprotective effects of protectamine on mouse bone marrow cells using endogenous spleen colony assay. 5th **Medical Physics Congress, Tarbiat Modarres Univ.** April 2002. pp: 67-68.
28. Abassi M, Foroghizadeh M, **Mozdarani H** (2002) Radioprotective effects of amiphostine in the absence or presence of manitol. 5th **Medical Physics Congress, Tarbiat Modarres Univ.** April 2002. pp: 65-66.
29. Fatehi D., **Mozdarani H**. (2002) Effect of hyperthermia after neutron irradiation on chromosomal aberration frequency in human peripheral blood lymphocytes. **Medical Sciences Journal (Shahrekord University)**, 4, 55-61.
30. Ebrahimi B, and **Mozdarani H** (2001) A comparative study on the radioprotective effect of cimetidine and famotidine against gamma rays in bone marrow cells. **Physiology and Pharmacology**, 5 (5), 13-25.
31. Yousefian B, **Mozdarani H**, Mokhtari M (2001) Cytogenetic effects of continuous therapeutic ultrasound on G0 human lymphocytes. **Kerman University Medical Journal**, 8 (3), 161-168.
32. Haeri SA, **Mozdarani, H**, Emranipour, R (2001) Evaluation of G0 lymphocyte radiosensitivity against gamma ray in breast cancer patients using cytochalasine blocked micronucleus assay. **Daneshvar**, 8 (35), 25-32.
33. Towhid nia R, **Mozdarani H** (2000) Effects of magnetic fields and radiofrequency of MRI systems on chromosomal aberration frequency in the presence of DNA repair inhibitor. **Behbood Medical Journal**, 4: 20-26.

34. Mortazavi M, **Mozdarani H**, Sharafi A, Ikushima I, Ishi (2000) Extraordinary increased radiosensitivity following exposure to low dose X-rays. **Journal of Isfahan University**, 14: 67-76.
35. Gourabi H, and **Mozdarani H** (2000) Cytogenetic Biodosimetry of radiation workers and evaluation of adaptive response to ionizing radiation: Comparizon of two methods. **Yakhteh Medical Journal**, 2 (5) 1-6.
36. Monfared SA, **Mozdarani H**, Sharafi A, Ghanaati H (2000) Effects of variations in temparature and power of laserthermia on micronuclei frequency in Hela cells. **Proceedings of 4th medical physics congress**, Tehran Medical University, pp: 31-36.
37. Saberi H and **Mozdarani H** (2000) Clastogenic effect of combined therapeutic ultrasound and procarbazine hydrochloride on mouse bone marrow cells. **Yakhteh Medical Journal**, 6, 97-103.
38. Mortazavi M, **Mozdarani H**, Sharafi A, Ikushima I (2000) Is exposure of lymphocytes to low doses of ionizing radiation before a high dose always a useful phenomena? Report of a extraordinary synergism. **Kowsar Medical Journal**, 5, 235-240.
39. Shahidi M -, **Mozdarani H**, Samiee F (2000) A reducing effect of famotidine on clastogenic effects of gamma rays in mice bone marrow cells by means of micronucleous test. **Nameh Daneshgah**, 10 (26), 19-28.
40. **Mozdarani H** and Fadaei Sh (2000) Induction of chromosomal damages in lymphocytes by radio-opaque substances urographin 76% and telebrix 38. **Pejuhesh in Medicine**, 23 (4) 279-286.
41. Toulani M and **Mozdarani H** (2000) Cytogenetic effects of diatrizoate and iohexole contrast media on mouse bone marrow cells. **Dampezhsk**, 14, 54-59.
42. **Mozdarani H** (2000) Effects of ionizing radiation on the formation of Robertsonian translocations in scid and CB17 cells: A study using fluorscence in situ hybridization. **Kowsar Medical Journal**, 5 (1), 41-53.
43. **Mozdarani H** (2000) Correlation between radiosensitivity and morphology and size of metaphase chromosomes in mutant radiosensitive cell lines. **Daneshvar**, 27, 71-80.
44. **Mozdarani, H**, Kamali Sh, Sadeghi A (1999) Cytogenetic effects of Benzene on mouse bone marrow erythrocytes. **Kowsar Medical Journal**, 3 (4), 243-252.
45. Gourabi H and **Mozdarani H** (1999) Effect of chronic occupational radiation exposure in induction of radiation resistance. **Kowsar Medical Journal**, 3 (4), 235-242.
46. **Mozdarani H** and Aghdaei F (1999) Premature chromosome condensation of the sperm and oocyte nucleus in failed fertilized oocytes after in vitro fertilization procedures. **Yakhteh Medical Journal**, 1 (2), 1-8.
47. **Mozdarani H** and Sammak L (1999) Cytogenetic abnormalities in 2-8 cells embryos generated by IVF procedures. **Yakhteh Medical Journal** 1 (3), 9-15.

48. **Mozdarani H** (1999) Using fluorescence in situ hybridization (FISH) technique for evaluation of frequency of chromosomal rearrangements in ataxia telangiectasia lymphoblastoid cells. **Yakhteh Medical Journal**, 1, 39-48.
49. **Mozdarani H** and Monfared AS (1999) Effect of Nd-YAG laser induced hyperthermia on the formation of micronuclei in cervical carcinoma (Hela) cells in vitro. **Daneshvar**, 6 (24), 1-6.
50. **Mozdarani H** and Aghdaei F (1999) Cytogenetic changes in failed fertilized oocytes in IVF. **Yakhteh Medical Journal**, 6, 67-75.
51. Monfared SA, **Mozdarani H**, Sharafi A, Ghanaati H (1999) Effects of combined treatments with laserthermia and dactinomycin chemotherapy on the cells of uterine cervix carcinoma. **Nameh Daneshgah**, 8 (21), 14-21.
52. **Mozdarani H** (1999) Similar response of normal human and ataxia telangiectasia cells to restriction endonuclease PvuII and ionizing radiation. **Kowsar Medical Journal**, 4 (1), 7-16.
53. Shahidi M and **Mozdarani H** (1998) Evaluation of radioprotective effects of ranitidine against gamma radiation. **Nameh Daneshgah**, 7 (17 & 18), 50-55.
54. Raafinejad J, Asmar M, **Mozdarani H** (1998) A study of the sterilizing effect of gamma irradiation on O. Tholozani Ticks. **Modarres Journal of Medical Sciences**, 1 (2), 131-134.
55. Mortazavi M, **Mozdarani H**, Ikoshima T, Sharafi A (1998) Radiation Hormesis and adaptive response induced by low doses of ionizing radiation. **Journal of Kerman University of Medical Sciences**, 6 (1), 50-60.
56. **Mozdarani, H** and Faeghi, F (1997) Additive effects of combined hyperthermia and actinomycin D treatment on chromosomal aberration induction in human and rat peripheral lymphocytes. **Kowsar Medical Journal**, 2 (4).
57. Nematollahi SN, Rezazadeh M, Hosseini A and **Mozdarani H** (1997) Effects of verocells on mouse embryo development in vitro. *Journal of the Faculty of Medicine*, **Pejuhesh in Medicine**, 21 (4); 80-90.
58. Keshtkar A, Sharafi A, Arbabi A, **Mozdarani H**, (1994) Dosimetry in CT examinations. **Tabriz University Medical Journal**, 28 (22); 41-55.
59. **Mozdarani, H** (1993) Social concerns about using ionizing radiation. **Partow**, 1, 31-35.
60. **Mozdarani H** (1993) Food and nutrition, **Bulletin of WHO**, Tehran.

بیش از ۳۰۰ عنوان مقاله در مجامع علمی به صورت سخنرانی مدعو، سخنرانی کلیدی، سخنرانی و یا پوستر ارائه شده است

1. **Mozdarani H** and Bryant PE (1989) Frequencies of deletions in X-irradiated AT and normal human G2 fibroblasts. 15 LH Gray conference. London, UK.
2. **Mozdarani H** (1991) Induction of chromosomal aberrations in normal human and ataxiatelangiectasia cells using restriction endonuclease Pvu II. First Iranian Congress of Biochemistry. Tehran.
3. **Mozdarani H** (1991) On the effects of ara A and ara C on X-ray induced DNA lesions in normal human and A-T cells. 21st annual meeting of EEMS, Prague.
4. **Mozdarani H** (1991) The influence of DNA repair inhibitors on the kinetics of X-ray induced chromatid aberrations in A-T cells. First Iranian Congress of Medical physics, Tabriz.
5. **Mozdarani H** (1991) Repair kinetics in normal human cells of X-ray induced DNA damage and chromatid aberrations. First Iranian Congress of Medical physics, Tabriz.
6. Vessal NJ, **Mozdarani H**, Zahir H and Fagia-Zadeh S (1991) Effects of cimetidine on radiation induced hematopoietic lymphatic systems. First Iranian Congress of Medical Physics, Tabriz.
7. **Mozdarani H** and AH Saberi (1992) Evaluation of cytogenetic effects of actinomycin D and Bleomycin sulfate on mouse bone marrow cells using a micronucleus test. Toxicology Letters, Suppl, 1992, 297.
8. **Mozdarani H** and AH Saberi (1992) Evaluation of cytogenetic effects of actinomycin D and Bleomycin sulfate on mouse bone marrow cells using a micronucleus test. Toxicology Letters, Suppl. 1992, 297.
9. Jadidi M, **Mozdarani H** and Shahradi B (1992) Comparison of the effects of bleomycin sulfate and actinomycin D on the hemopoietic stem cells using spleen colony assay technique. 1st International Congress of TDM, Tehran Univ. Tehran.
10. Gharbali A and **Mozdarani H** (1992) Cytogenetic effects of cimetidine on radiation induced genetic effects in hemopoietic stem cells of syrian hamster. 1st International Congress of TDM, Tehran Univ. Tehran.
11. **Mozdarani H** (1992) Radioprotective capacity of cimetidine on radiation induced genetic effects in mouse bone marrow cells, as assayed by micronucleus test, 22nd Meeting of EEMS, Berlin.
12. Gharbali A, **Mozdarani H** and Faghih-zadeh S (1992) Cimetidine decrease the frequency of micronuclei in Y-irradiated mouse bone marrow cells. 1st Seminar on Neoplastic Disease, Tehran.

13. Saberi AH and **Mozdarani H** and Faghih-zadeh S (1992) Evaluation of combined treatment of bleomycin and Y-irradiation on mouse bone marrow cells using micronuclei assay. 1st Seminar on Neoplastic Disease, Tehran.
14. Maalbin J and **Mozdarani H** (1992) Role of chromosomal aberrations in cancers. 1st Seminar on Neoplastic Disease, Tehran.
15. Jadidi M, **Mozdarani H**, Shahradi B and Faghih-zadeh S (1992) Evaluation of accumulative effects of actinomycin D 3 hours before 1 Gy gamma irradiation using spleen colony assay technique. 1st Seminar on Neoplastic Disease, Tehran.
16. Aghaee F and **Mozdarani H** (1993) How accurate is phenotypic diagnosis of parasites. Ins.Seminar of Iranian students in India, Pouna.
17. **Mozdarani H** (1993) Cytogenetic effects of bleomycin sulfate and actinomycin D in mousebone marrow cells exposed to gamma rays as assayed by micronucleus tes. radiation Research 93,Surrey, England.
18. Jadidi M and **Mozdarani H** (1993) Determination of bone marrow destruction due toadministration of Bleo-S and radiotherapy. 11th Iranina Congress of Physiology andPharmacology, Tabriz, Iran.
19. Saberi AH and **Mozdarani H** (1993) Evaluation of cytogenetic effects of Act-D in combinationwith whole body gamma irradiation on mouse bone marrow cells using micronuclei assay. 11thIranina Congress of Physiology and Pharamacology, Tabriz, Iran.
20. Saberi AH and **Mozdarani H** (1993) Evaluation of whole body gamma irradiation effects incombination with bleomycin on mouse bone marrow cells. The second Iranin congress of MedicalPhysics and 6th Biomedical Engineering Seminar, Tabriz, Iran.
21. **Mozdarani H** and AH Saberi (1994) Induction of cytogenetic adaptive response of bonemarrow cells to radiation by therapeutic doses of bleomycin sulfate and actionmycin D as assayedby the microunucleus test. Cancer Letters, 78, 141-150.
22. Gharbli A and **Mozdarani H** (1993) Evaluation of micronucleus test as a biological dosimeterand effects of cimetidine on the genetic effects of gamma irradiation 11th Iranina Congress ofPhysiology and Pharamacology, Tabriz, Iran.
23. **Mozdarani H**, Hojjati Z, Noori-dalooi MR and Allameh A (1993) Cytogenetic effects ofafotoxin B1 on rats bone marrow cells at different ages as assayed by the micronucleus test. The2nd Iranian Congress for Biochemistry, I.B.B. Tehran University.
24. **Mozdarani H** (1995) Can cimetidine be used as a radioprotector? Proposed mechanism ofaction. The 2nd Iranian Congress of physiology and pharmacology, Iran Univ., Medical Sciences and Health Services, 6-9 Nov. 1995.
25. **Mozdarani H** and Saberi H (1995) Effects of combined treatment of ultrasound and procarbazine hydrochloride on new born rats bone marrow cells as assayed by micronucleus test.12th Iranian congress of physiology and pharmacology, Iran Univ, Medical Sciences and Health services, 6-9 Nov. 1995.

26. **Mozdarani H** and Aghaee F (1995) Efficacy of triclabendasole and praziquantel against spermatogenic activity of fasciola hepatica in vitro. 12th Iranian Congress of physiology and pharmacology, Iran Univ, Medical Sciences and Health services, 6-9 Nov. 1995.

27. **Mozdarani H** and A Gharbli (1993) Radio-protective effects of cimetidine in mouse bone marrow cells exposed to fast neutrons assayed by the micronucleus test. 12th Iranian Congress of physiology and pharmacology, Iran Univ, Medical Sciences and Health services, 6-9 Nov. 1995.

28. Sadeghi A, **Mozdarani H** and Noori-Dalooi MR (1995) The study of protective effects of cimetidine against genetic effects of chemicals, 12th Iranian Congress of physiology and pharmacology, Iran Univ., Medical Sciences and Health Services, 6-9 Nov, 1995.

29. **Mozdarani H** (1996) Similar response of ataxia telangiectasia and normal human cells to radiation and restriction enzymes. 9th Congress of Geographic Medicine, May 12-15, 1996, Shiraz, Iran.

30. **Mozdarani H** and Taheri M (1996) Study of genetic aberrations resulting from chemotherapy and radiotherapy in leukemic patients. 9th Int. Congress of Geographic Medicine, May 12-15, 1996, Shiraz, Iran.

31. Khamisipour AR and **Mozdarani H** (1996) Cytogenetic study of patients chronically affected with lymphocytic leukemia. 9th Int. Congress of Geographic Medicine, May 12-15, 1996, Shiraz, Iran.

32. **Mozdarani H** and Shahidi M (1996) Effects of ranitidine and famotidine on radiation induced micronuclei in mouse bone marrow cells. 9th Int. Congress of Geographic Medicine, May 12-15, Shiraz, Iran.

33. Shahrabi S and **Mozdarani H** (1996) Cytogenetic analysis of lymphocytes of all patients after chemo - and radiation therapy. 2nd Congress of Blood and Related Diseases Dec 21-23, 1996, Tehran-Iran.

34. Karimian L and **Mozdarani H** and Zarsav P (1996) Premature chromosome condensation (PCC) for analysis of cytogenetic effects of chemo-therapeutics in all patients. 2nd Congress of Blood and Related Diseases Dec 21-23, 1996, Tehran-Iran.

35. Nematollahi N, Valojerdi MR Hosseini A and **Mozdarani H** (1997) Development of frozen-thawed 2 cell mouse embryos in 1.2 propandial is enhanced by coculture with vero cells. 10th world congress on IVF and Assited Reproduction.

36. **Mozdarani H** and Mahdavi M (1997) Reduction of biological effects of gamma rays on mouse spermatogenesis process using vitamin C and famotidine. First Iranian congress of Zoology, 17-18 Sept. Tehran.

37. Gourabi H and **Mozdarani H** (1997) Reduction of clastogenic effects of gamma rays by cimetidine and famotidine. First Iranian congress of Zoology, 17-18 Sept. Tehran.

38. **Mozdarani H** (1997) Radioprotective effects of histamine H2 receptor antagonists against ionizing radiation. 14th Iranian Annual Radiology Congress, 25-29 Oct. Tehran.
39. Arghami S, **Mozdarani H** and Mahabadi HA (1997) Cytogenetic evaluation of some organic solvents and thinner on exposed workers. First Int. Congress of Asia-pacific associations Medical toxicology, 27-30 Sept. Tehran.
40. Rastgoo, J, **Mozdarani H** and Rezazadeh M (1997) Reduction of teratogenic effects of gamma radiation using vitamin E as a radioprotector. First Iranian congress of Zoology; 17-18 Sept. Tehern.
41. Bahar M, Sharafi A, Parivar K and **Mozdarani H** (1997) Effects of Diagnostic ultrasound exposure to mice fetuses. First Iranian congress of Zoology, 17-18, Sept, Tehran.
42. Koochesfahani HM, Parivar, Golestanian N and **Mozdarani H** (1997) The effects of alternative electromagnetic field on the hematopoietic system on Balb C. First Iranian congress of Zoology, 17-18 Sept. Tehran.
43. **Mozdarani H** (1999) The role of radiosensitivity on Robertsonian Translocation formation. First Genetic Meeting on Handicaps., Tehran.
44. **Mozdarani H**, Aghdaei F, Sammak L (1999) Aneuploidy is the main cause of oocyte fertilization failure in IVF. First Genetic Meeting on Handicaps; April 1999, Tehran.
45. Parvizi Sh and **Mozdarani H** (1999) Cytotoxic effects of non ionic contrast media, omnipaque on spermatogenesis. 14th Iranian Congress of Physiology and Pharmacology, May, 1999, Tehran.
46. Mortazavi SMJ, Ikoshima T, **Mozdarani H** and Sharafi A (1999) Radiation Hormesis, Physiologic effects of low doses of ionizing radiation. 14th Iranian Congress of Physiology and Pharmacology, May 1999, Tehran.
47. Nazri H and **Mozdarani H** (1999) Cytogenetic effect of bleomycin sulfate on irradiated lymphocytes. 14th Iranian Congress of Physiology and Pharmacology, May 1999, Tehran.
48. Monfared A and **Mozdarani H** (1999) Induction of micronuclei by chemotherapeutics bleomycin and dactinomycin in HeLa cells. 14th Iranian Congress of Physiology and Pharamacology, May 1999, Tehran.
49. Shahidi M and **Mozdarani H** (1999) Effects of ranitidine on radiation induced genetic effects in mouse bone marrow cells. 14th Iranian Congress of Physilogy and Pharamacology, May 1999, Tehran.
50. **Mozdarani H** (1999) Role of antagonist H2 receptor of histamine on reducing clostogenic effects of ionizing radiation. 14th Iranian Congress of Physilogy and Pharamacology, May 1999, Tehran.

51. Shahidi M and **Mozdarani H** (1999) Famotidine reduced the frequency of gamma ray induced micronuclei in mouse erythrocytes. 14th Iranian Congress of Physiology and Pharmacology, May 1999, Tehran.
52. **Mozdarani H** and Monfared A (1987) Effects of chemotherapy and laserthermia on HeLa cells. 4th Iranian Congress of Physiology and Pharmacology, May 1999, Tehran.
53. **Mozdarani H** (1999) Famotidine as a radioprotector in vivo and in vitro as assayed by cytogenetic end points. 11th Int. Congress of Pharmacology. July 1999, Dublin, Ireland.
54. Mortazavi SMJ, Ikushima T and **Mozdarani H** (1999) Hypersensitivity to ionizing radiation after an adapting dose of X-radiation. 11th Int. Congress of Pharmacology. July 1999, Dublin, Ireland.
55. **Mozdarani H**, Samak L and Akhondi M (1999) Chromosomal abnormality of human preimplantation by IVF and ICSI procedures. Middle East Fertility Society. Nov. 1999. Egypt.
56. **Mozdarani H** and Aghdaei F (1999) Premature chromosome condensation of the sperm and oocyte nucleus. Middle East Fertility Society. Nov. 1999. Egypt.
57. **Mozdarani H**, Aghdaei F and Rezazadeh M (1999) Cytogenetic analysis of failed fertilized oocytes after IVF ICSI procedures. Middle East Fertility Society. Nov. 1999. Egypt.
58. **Mozdarani H** (1999) Chromosomal radiosensitivity of lymphocytes as indicator for breast cancer diagnosis. 6th Annual Congress of Gynecology, Dec 1999, Tehran.
59. **Mozdarani H** and Aghdaei F (1999). Chromosomal abnormalities and high frequency of sperm PCC in unfertilized oocytes in IVF. 6th Annual Congress of Gynecology, Dec. 1999. Tehran.
60. **Mozdarani H** and Tolani M (2000) Clastogenic effects of Urographin 76% on mouse bone marrow cells. 2nd Iranian Hematology & Oncology Congress. Jan. +2000. Tehran.
61. Taheri M, **Mozdarani H** and Izadyar M (2000) Effects of chemo and radiotherapy on chromosomal aberration induction in patients with ALL. 2nd Iranian Hematology and Oncology Congress, Jan. 2000. Tehran.
62. **Mozdarani H** (2000) Effects of ionizing radiation on Robertsonian translocation in scid and CB17 cells. 14th Iranian Congress of Physiology and Pharmacology, May 1999, Tehran.
63. Gourabi H and **Mozdarani H** (2000) Comparison of two cytogenetic methods for biological irradiation workers. 14th Congress of Medical Physiology Medical Univ. April 2000.
64. Monfared A, **Mozdarani H**, Sharafi A, Ghanati H (2000) Comparison of the effects of temperature and power of laser thermia on the frequency of micronuclei HeLa cells. 14th Medical Physics Congress, Tehran Univ. April 2000.

65. Hejazi A, **Mozdarani H**, Hejazi P (2000) Biological dosimetry of Nuclear medicine technologists by metaphase analysis. 14th Medical Physics Congress, Tehran Univ. April 2000.
66. Mortazavi SMJ, **Mozdarani H** (2000) The search for an optimum adapting dose under the optimum irradiation time schemes in cultured human lymphocytes. 14th Medical Physics Congress, Tehran Univ. April 2000.
67. Mortazavi SMJ, **Mozdarani H**, Ikushima T, Sharafi AA, Samiee F (2000) The effects of X-ray photon energy in diagnostic radiology range on the reduction of radioadapting response. 14th Medical Physics Congress, Tehran Univ. April 2000.
68. Mortazavi SMJ, **Mozdarani H**, Ikushima T, Sharafi AA, Samiee F (2000) Extraordinary synergistic effect in cultured human lymphocytes after low dose X-irradiations. 14th Medical Physics Congress, Tehran Univ. April 2000.
69. **Mozdarani H** (2000) Chromosomal radiosensitivity and immunodeficiency. 5th Iranian Congress of Immunology and Allergy. Tehran, May 1999, Tehran.
70. Farahat V, **Mozdarani H**, et al (2000) Cytogenetic study of lymphocytes from Iranian patients with common variable immunodeficiency. 5th Iranian Congress of Immunology and Allergy. Tehran, May 2000.
71. **Mozdarani H**, Monfared A (2000) Enhancement of the clastogenic effects of chemotherapeutic by laser thermia in HeLa cells. 4th int. Wolfsberg Meeting Wolfsherg, Switzerland, July 2000.
72. Farhangpejoh V, Elahi E and **Mozdarani H** (2000) A study on the correlation between age and frequency of micronuclei. 9th Iranian Biology Conference, Aug. 2000.
73. **Mozdarani H**, (2000). Variations of chromosomal radiosensitivity in humans; Limitation for radiography and radiotherapy. 1st Int. On Radiation and its role in diagnosis and treatment (FICR 2000) Tehran.
74. **Mozdarani H**, (2000) Radioprotective properties of histamine H₂ receptor antagonists: present and future prospects. FICR 2000, Tehran.
75. Yosefian B, **Mozdarani H**, Mokhtari M (2000) Cytogenetic effects of IMTZ ultrasound and BLM on Go human lymphocytes. FICR 2000, Tehran.
76. **Mozdarani H**, and Fadaei SH (2000). Induction of chromosomal aberrations in lymphocytes after injection of urographin 76% and telebrix 38 contrast media. FICR 2000, Tehran.
77. Tulany Mand, **Mozdarani H**, (2000). Effects of X-ray and contrast media on bone marrow erythrocytes. FICR 2000, Tehran.
78. Hassani M, **Mozdarani H**, Akhlaghpour SH (2000) Evaluation of thyroid's irradiation after routine head and CT radiography after using various MAS setting. FICR 2000, Tehran.

79. Monfared A, **Mozdarani H**, Sharafi A, Ghanati H, (2000) Induction of resistance in hypoxic HeLa cells to some chemotherapeutics by Nd: Yag laser. FICR 2000, Tehran.

80. Haeri A, **Mozdarani H**, (2000) Golymphocyte radiosensitivity in breast cancer patients. FICR 2000, Tehran.

81. Ebrahimi B and (2000). Radisprotective effects of cimetidine and famotidine against gamma ray induced micronuclei in Balb/C mouse erythrocytes. FICR 2000, Tehran.

82. **Mozdarani H**, Yousefion B and Mokhtari M (2000). Cytogenetic effects of thraphetic ultrasound on Go human, lymphocytes. FICR 2000, Tehran.

83. Ziai AH, **Mozdarani H**, (2000) Study of chromosomal radiosensitivity of Gzly phocytes of breast cancer patients and normal individuals using FPG technique. FICR 2000, Teheran.

84. **Mozdarani H**, and Afsharian P (2000). Is there a relationship between consanguinity and infertility. MEFS Journal (5, 78).

85. Rahbar S, Baharvand H, and, **Mozdarani H** (2000) A new micromanipulating technique for enucleation of MII Oocyte in mouse. MEFS Journal 5,

۸۶) **مزدارانی ح** (۱۳۷۹). ژنتیک ناباروری و PGD پنجمین سمینار روشهای پیشرفته درمان ناباروری پژوهشکده رویان - تهران

۸۷) **مزدارانی ح**، تقی الطریحی ت، سیفی ب (۱۳۸۰) مقایسه القای اپوپتوزیس و میکرونوکلئتی توسط بلنوماسین سولفات در مراحل مختلف چرخه سلولی لنفوسیت‌های انسان. اولین همایش بین المللی سرطان ایران، ۲۰-۲۲ شهریور مشهد، ایران.

۸۸) حائری ا، **مزدارانی ح** (۱۳۸۰) حساسیت پرتویی لنفوسیت‌های خون محیطی زنان مبتلا به سرطان پستان و مقایسه آن با افراد سالم با روش سنجش میکرونوکلئتی. اولین همایش بین المللی سرطان ایران، ۲۰-۲۲ شهریور مشهد، ایران.

۸۹) **مزدارانی ح**، حائری ا، ضیایی اح (۱۳۸۰) بررسی مقایسه ای سنجش حساسیت پرتویی لنفوسیت‌های مبتلایان به سرطان پستان با دو روش مختلف سیتوژنتیک. اولین همایش بین المللی سرطان ایران، ۲۰-۲۲ شهریور مشهد، ایران.

۹۰) سیفی ب، **مزدارانی ح**، تقی الطریحی ت (۱۳۸۰) بررسی القای اپوپتوسیس توسط بلنوماسین سولفات در مراحل مختلف چرخه سلولی لنفوسیت‌های انسان. پنجمین همایش بین المللی علوم تشریح ایران، تهران.

91. Monfared AS, **Mozdarani H**, Sharafi A, Ghannaati H., (2001) Laser-chemotherapy, an effective combined modality in treatment of cervical cancer cells. First Int. Cancer Congress, Mashhad, Iran.

92. **Mozdarani H** (2001) Chromosomal aneuploidy; a major cause of unsuccessful ART. MEFS Congress Bahrain.

93. Bryant PE, Rogers-Bald M, **Mozdarani H** (2001) Mechanisms underlying the conversion of DNA double strand breaks into chromatid breaks. 2nd Int. Conference, The effects of low and very low doses of ionizing radiation on human health. Dublin, June 27th-29th.

94. **Mozdarani H** and Gourabi H (2001) High frequency of chromosomal aberrations and micronuclei in lymphocytes of medical radiation workers occupationally exposed to ionizing radiation below dose limit. 2nd Int. Conference, The effects of low and very low doses of ionizing radiation on human health. Dublin, June 27th-29th.
95. Samavat H and **Mozdarani H** (2001) Chromosomal aberrations in radiation workers due to chronic doses of x-irradiation in Iran. 2nd Int. Conference, The effects of low and very low doses of ionizing radiation on human health. Dublin, June 27th-29th.
96. **Mozdarani H**, Hejazi A and Hejazi P (2001) Frequency of chromosomal aberrations in Iranian nuclear medicine technologists exposed to chronic low dose gamma rays from Tc-99m. 2nd Int. Conference, The effects of low and very low doses of ionizing radiation on human health. Dublin, June 27th-29th.
97. **Mozdarani H** (2001) Chromosomal aneuploidy and unsuccessful ART . Royan second international infertility research award and congress.
98. Moghaddam RN and **Mozdarani H** (2002) Similar adaptive response of various cell cycle stages of human peripheral lymphocytes to bleomycin induced G2 chromatid aberrations. ? Proceedings of the International 6th Wolfsberg Meeting on Molecular Radiation Biology/ Oncology, Switzerland.
99. **Mozdarani H**, Ziaei AH, Haeri, SA (2002) Chromosomal radiosensitivity in breast cancer patients: Is there a uniform finding with different cytogenetic methods in different populations? Proceedings of the International 6th Wolfsberg Meeting on Molecular Radiation Biology/ Oncology, Switzerland.
100. Monfared AS, **Mozdarani H**, Amiri M (2002) Natural background radiation induces cytogenetic radioadaptive response more effectively than occupational exposure in human peripheral blood lymphocytes. 14th Radiochemical conference, 14-19 April 2002, Marianske Lazne, Czech Republic.